ENVIRONMENTAL MANAGEMENT, LTD.
On the Lake @ 41 Franck Road, Stony Point, New York 10980
Phone (845) 429-1141 • Fax (845) 429-1166

Internet: www.emlweb.com
Email: info@emlweb.com

March 25, 2009

Nicole M. Bonsteel, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau E
625 Broadway, 12th Floor
Albany, New York 12233-7017

Re: Laboratory Data Package, January 2009 Quarterly VOC
Voluntary Cleanup Program (VCP #V00237-3)
Kings Electronics Co., Inc./Weissman Holdings, LLC (Kings)
40 Marbledale Road, Tuckahoe, New York 10707

Dear Ms. Bonsteel:

Attached to this letter, please find the laboratory analysis report and the spreadsheet summary by ARCADIS of the second Post-Remedial Program Quarterly Groundwater Monitoring for January 2009.

Based on the results, there is no evidence of post-remedial rebound. As a matter of interest, Vinyl Chloride (VC) in MW-13R is reported at a concentration of 2.73 µg/L. Since VC has been non-detect in this well since January 2007, this is most likely related to the transitory increase of VC and cis-1,2-Dichloroethene (DCE) observed within GP-103R (immediately upgradient of MW-13R) during the October 2008 quarterly sampling. DCE within MW-13R also increased slightly, to 1.85 µg/L. Both DCE and VC decreased significantly in GP-103R from October 2008.

As was conveyed (based on preliminary laboratory results) in the March 10, 2009 Monthly Report, the October 2008 concentrations within GP-103R of cis-1,2-Dichloroethene (DCE) and Vinyl Chloride (VC), respectively 6.31 and 35.2 µg/L, have dropped back to 0.579 and 0.763 µg/L. Concentrations of all other CVOCs at GP-103R were non-detect in the current quarter.

Quarterly sampling of all off-site monitoring wells will be discontinued for the next and subsequent monitoring periods, as approved by DEC on February 11. Any future sampling of off-site wells, if required, will be based on actions to be stipulated within the Post Remedial Operations Maintenance & Monitoring (OM&M) Plan.

As you agreed yesterday (with Donald Wanamaker, EML) Kings will discontinue routine monthly progress reporting of Site activities, as earlier required within Kings' Voluntary Cleanup Agreement. All quarterly monitoring and reporting during this post-remedial period will be conducted in accordance with the approved On-Site Post-Remedial OM&M Plan. As necessary, additional reporting may be submitted at the conclusion of specific site activities.

Hard copies of this letter, the laboratory report and the spreadsheet are also being sent to you.

Please contact us if you have any questions.

Very truly yours,

Environmental Management, Ltd.

Bruce M. Munson

Bruce M. Munson
Project Manager

Table 1. Performance Monitoring Results, Kings Electronics, Tuckahoe, New York.

Sample ID:	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S
Date Sampled:	04/24/2007	07/26/2007	10/02/2007	01/16/2008	04/17/2008	07/24/2008	10/23/2008	01/20/2009
Chlorinated VOCs (ug/L)								
Trichloroethene	66.5	44.2	20.6	31	46.8	38.8	24.1	43.3
cis-1,2-Dichloroethene	0.528	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	15.9	16.1	4.56	3.91	8.56	7.62	4.22	5.1
Tetrachloroethene	8.44	6.84	3.32	3.97	4.93	4.66	3.23	5.55
1,1-Dichloroethane	1.03	ND	ND	ND	ND	ND	ND	0.417
1,2-Dichloroethane(EDC)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Field Parameters								
Dissolved Oxygen (mg/L)	5.13	8.78	3.2	6.33	8.31	7.35	5.06	8.17
ORP (mV)	-20.7	164.3	76.6	27.8	125.8	89	109	-32.8
pH (SU)	6.62	6.3	6.58	6.88	6.61	6.64	6.73	7.12
S. Conductivity (umhos/cm)	1837	906	1353	1050	1293	1520	1019	899
Total Organic Carbon (ppm)	---	---	2.19	---	1.9	1.69	---	---
Dissolved Organic Carbon (ppm)	---	---	---	---	---	---	---	---
Biogeochemical Parameters								
Carbon Dioxide (mg/L)	---	---	---	---	---	---	---	---
Nitrogen (mg/L)	---	---	---	---	---	---	---	---
Methane (ug/L)	---	---	---	---	---	---	---	---
Ethane (ng/L)	---	---	---	---	---	---	---	---
Ethene (ng/L)	---	---	---	---	---	---	---	---
Sulfide (mg/L)	---	---	---	---	---	---	---	---
Ferrous Iron (mg/L)	---	---	---	---	---	---	---	---
Dissolved Iron (ug/L)	---	---	---	---	---	---	---	---
Total Iron (ug/L)	---	---	---	---	---	---	---	---
Dissolved Manganese (ug/L)	---	---	---	---	---	---	---	---
Total Manganese (ug/L)	---	---	---	---	---	---	---	---
Alkalinity (mg/L)	---	---	---	---	---	---	---	---
Chloride (mg/L)	---	---	---	---	---	---	---	---
Nitrate (mg/L)	---	---	---	---	---	---	---	---
Nitrite (mg/L)	---	---	---	---	---	---	---	---
Sulfate (mg/L)	---	---	---	---	---	---	---	---

Table 1. Performance Monitoring Results, Kings Electronics, Tuckahoe, New York.

Sample ID:	MW-9S	MW-9S	MW-9S	MW-9S	MW-9S	MW-9S	MW-9S	MW-9S
Date Sampled:	04/24/2007	07/25/2007	10/02/2007	01/15/2008	04/17/2008	07/22/2008	10/21/2008	01/21/2009
Chlorinated VOCs (ug/L)								
Trichloroethene	ND	0.893	0.406	0.707	0.383	ND	ND	ND
cis-1,2-Dichloroethene	1.37	ND	ND	0.703	0.918	0.637	0.668	0.64
trans-1,2-Dichloroethene	ND	ND	ND	0.775	1.34	0.795	0.882	ND
Vinyl Chloride	2	ND	ND	ND	1.33	0.979	0.861	0.808
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	0.492	ND	ND	ND	ND
1,1-Dichloroethane	ND	1.08	1.24	0.878	1.02	0.672	0.52	0.547
1,2-Dichloroethane(EDC)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Field Parameters								
Dissolved Oxygen (mg/L)	0.19	1.53	3.86	0.47	0.67	0.29	1.78	0.14
ORP (mV)	-53.2	-74.9	-123.7	-135.6	-115.1	-79.7	-116.4	-119.9
pH (SU)	6.4	6.49	6.66	6.73	7.12	6.6	6.66	6.52
S. Conductivity (umhos/cm)	2172	835	1589	1689	1661	1744	1243	1306
Total Organic Carbon (ppm)	---	---	12.9	---	15.6	27.7	---	---
Dissolved Organic Carbon (ppm)	---	---	---	---	---	---	---	---
Biogeochemical Parameters								
Carbon Dioxide (mg/L)	---	---	---	---	---	---	---	---
Nitrogen (mg/L)	---	---	---	---	---	---	---	---
Methane (ug/L)	---	---	---	---	---	---	---	---
Ethane (ng/L)	---	---	---	---	---	---	---	---
Ethene (ng/L)	---	---	---	---	---	---	---	---
Sulfide (mg/L)	---	---	---	---	---	---	---	---
Ferrous Iron (mg/L)	---	---	---	---	---	---	---	---
Dissolved Iron (ug/L)	---	---	---	---	---	---	---	---
Total Iron (ug/L)	---	---	---	---	---	---	---	---
Dissolved Manganese (ug/L)	---	---	---	---	---	---	---	---
Total Manganese (ug/L)	---	---	---	---	---	---	---	---
Alkalinity (mg/L)	---	---	---	---	---	---	---	---
Chloride (mg/L)	---	---	---	---	---	---	---	---
Nitrate (mg/L)	---	---	---	---	---	---	---	---
Nitrite (mg/L)	---	---	---	---	---	---	---	---
Sulfate (mg/L)	---	---	---	---	---	---	---	---

Table 1. Performance Monitoring Results, Kings Electronics, Tuckahoe, New York.

Sample ID:	MW-9D	MW-9D	MW-9D	MW-9D	MW-9D	MW-9D	MW-9D	MW-9D
Date Sampled:	04/24/2007	07/25/2007	10/02/2007	01/15/2008	04/17/2008	07/22/2008	10/21/2008	01/21/2009
Chlorinated VOCs								
Trichloroethene	ND	ND	0.452	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	5.4	2.32	2.6	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	0.699	ND	ND	ND	ND
1,1-Dichloroethane	ND	0.626	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane(EDC)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Field Parameters								
Dissolved Oxygen (mg/L)	0.42	0.32	0.13	0.52	0.25	---	1.21	0.09
ORP (mV)	-86.5	-101.5	-118.6	-125.3	-104.7	-104.5	-77.2	-117.4
pH (SU)	6.78	6.62	6.67	6.74	6.55	6.67	6.38	6.74
S. Conductivity (umhos/cm)	1478	989	1468	1370	1249	1622	1058	961
Total Organic Carbon (ppm)	---	---	2.91	---	3.61	3.12	---	---
Dissolved Organic Carbon (ppm)	---	---	---	---	---	---	---	---
Biogeochemical Parameters								
Carbon Dioxide (mg/L)	---	---	---	---	---	---	---	---
Nitrogen (mg/L)	---	---	---	---	---	---	---	---
Methane (ug/L)	---	---	---	---	---	---	---	---
Ethane (ng/L)	---	---	---	---	---	---	---	---
Ethene (ng/L)	---	---	---	---	---	---	---	---
Sulfide (mg/L)	---	---	---	---	---	---	---	---
Ferrous Iron (mg/L)	---	---	---	---	---	---	---	---
Dissolved Iron (ug/L)	---	---	---	---	---	---	---	---
Total Iron (ug/L)	---	---	---	---	---	---	---	---
Dissolved Manganese (ug/L)	---	---	---	---	---	---	---	---
Total Manganese (ug/L)	---	---	---	---	---	---	---	---
Alkalinity (mg/L)	---	---	---	---	---	---	---	---
Chloride (mg/L)	---	---	---	---	---	---	---	---
Nitrate (mg/L)	---	---	---	---	---	---	---	---
Nitrite (mg/L)	---	---	---	---	---	---	---	---
Sulfate (mg/L)	---	---	---	---	---	---	---	---

Table 1. Performance Monitoring Results, Kings Electronics, Tuckahoe, New York.

Sample ID:	PTW-2	PTW-2	PTW-2	PTW-2	PTW-2	PTW-2	PTW-2	PTW-2
Date Sampled:	04/24/2007	07/25/2007	10/02/2007	01/15/2008	04/18/2008	07/22/2008	10/23/2008	01/22/2009
Chlorinated VOCs (ppb)								
Trichloroethene	8.17	0.449	ND	ND	0.871	0.968	ND	0.525
cis-1,2-Dichloroethene	5.96	ND	ND	ND	1.1	2.32	0.395	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	0.646	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	0.406	ND	ND	ND	ND
1,1-Dichloroethane	1.33	ND	0.783	2.44	1.41	2.68	0.657	1.69
1,2-Dichloroethane(EDC)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Field Parameters								
Dissolved Oxygen (mg/L)	0.37	---	4.73	1.49	0.61	0.24	0.72	0.24
ORP (mV)	-120.5	-102.8	-147.5	-116.3	-99.9	-83.9	-125.3	-157
pH (SU)	7.17	6.59	6.84	6.44	6.79	6.54	6.51	6.8
S. Conductivity (umhos/cm)	2130	640	1607	1590	1378	1648	1043	1106
Total Organic Carbon (ppm)	---	---	16.6	---	4.22	4.34	---	---
Dissolved Organic Carbon (ppm)	---	---	---	---	---	---	---	---
Biogeochemical Parameters								
Carbon Dioxide (mg/L)	---	---	---	---	---	---	---	---
Nitrogen (mg/L)	---	---	---	---	---	---	---	---
Methane (ug/L)	---	---	---	---	---	---	---	---
Ethane (ng/L)	---	---	---	---	---	---	---	---
Ethene (ng/L)	---	---	---	---	---	---	---	---
Sulfide (mg/L)	---	---	---	---	---	---	---	---
Ferrous Iron (mg/L)	---	---	---	---	---	---	---	---
Dissolved Iron (ug/L)	---	---	---	---	---	---	---	---
Total Iron (ug/L)	---	---	---	---	---	---	---	---
Dissolved Manganese (ug/L)	---	---	---	---	---	---	---	---
Total Manganese (ug/L)	---	---	---	---	---	---	---	---
Alkalinity (mg/L)	---	---	---	---	---	---	---	---
Chloride (mg/L)	---	---	---	---	---	---	---	---
Nitrate (mg/L)	---	---	---	---	---	---	---	---
Nitrite (mg/L)	---	---	---	---	---	---	---	---
Sulfate (mg/L)	---	---	---	---	---	---	---	---

Table 1. Performance Monitoring Results, Kings Electronics, Tuckahoe, New York.

Sample ID:	GP-104-R	GP-104-R	GP-104-R	GP-104-R	GP-104-R	GP-104-R	GP-104-R	GP-104-R
Date Sampled:	04/24/2007	07/25/2007	10/03/2007	01/16/2008	04/16/2008	07/23/2008	10/23/2008	01/22/2009
Chlorinated VOCs								
Trichloroethene	134	23.9	6.42	2.29	0.669	ND	0.402	1.49
cis-1,2-Dichloroethene	3.74	1.35	2	1.12	1.68	0.849	0.589	1.58
trans-1,2-Dichloroethene	ND	ND	1.92	ND	ND	ND	0.459	1.19
Vinyl Chloride	ND	ND	0.577	ND	ND	ND	ND	0.502
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	3.92	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	7.57	1.6	ND	0.597	ND	ND	ND	ND
1,1-Dichloroethane	0.44	1.41	1.52	0.572	1.22	ND	0.573	1.48
1,2-Dichloroethane(EDC)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Field Parameters								
Dissolved Oxygen (mg/L)	0.38	0.4	---	0.61	0.81	0.84	2.35	0.09
ORP (mV)	41.2	-10.9	-90.8	-139.7	-151	-125.4	-135.5	-153.4
pH (SU)	7.08	6.98	7.6	6.99	6.67	7.01	6.69	6.87
S. Conductivity (umhos/cm)	1799	1072	1471	1776	2132	1869	1413	1170
Total Organic Carbon (ppm)	---	---	5.83	---	17.3	7.49	---	---
Dissolved Organic Carbon (ppm)	---	---	---	---	---	---	---	---
Biogeochemical Parameters								
Carbon Dioxide (mg/L)	---	---	---	---	---	---	---	---
Nitrogen (mg/L)	---	---	---	---	---	---	---	---
Methane (ug/L)	---	---	---	---	---	---	---	---
Ethane (ng/L)	---	---	---	---	---	---	---	---
Ethene (ng/L)	---	---	---	---	---	---	---	---
Sulfide (mg/L)	---	---	---	---	---	---	---	---
Ferrous Iron (mg/L)	---	---	---	---	---	---	---	---
Dissolved Iron (ug/L)	---	---	---	---	---	---	---	---
Total Iron (ug/L)	---	---	---	---	---	---	---	---
Dissolved Manganese (ug/L)	---	---	---	---	---	---	---	---
Total Manganese (ug/L)	---	---	---	---	---	---	---	---
Alkalinity (mg/L)	---	---	---	---	---	---	---	---
Chloride (mg/L)	---	---	---	---	---	---	---	---
Nitrate (mg/L)	---	---	---	---	---	---	---	---
Nitrite (mg/L)	---	---	---	---	---	---	---	---
Sulfate (mg/L)	---	---	---	---	---	---	---	---

Table 1. Performance Monitoring Results, Kings Electronics, Tuckahoe, New York.

Sample ID:	GP-103-R	GP-103-R	GP-103-R	GP-103-R	GP-103-R	GP-103-R	GP-103-R	GP-103-R
Date Sampled:	04/24/2007	07/25/2007	10/03/2007	01/16/2008	04/16/2008	07/23/2008	10/23/2008	01/22/2009
Chlorinated VOCs								
Trichloroethene	2.3	4.47	2.67	1.74	0.739	0.539	0.585	ND
cis-1,2-Dichloroethene	ND	ND	ND	0.606	0.527	0.923	6.31	0.579
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	0.468	ND
Vinyl Chloride	ND	ND	ND	ND	ND	1.26	35.2	0.763
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.981	4.94	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	1.07	ND	0.505	ND	ND	ND	ND
1,1-Dichloroethane	1.01	4.43	6.7	1.44	ND	ND	0.418	ND
1,2-Dichloroethane(EDC)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Field Parameters								
Dissolved Oxygen (mg/L)	0.2	1.67	0.2	---	0.53	---	2.26	0.19
ORP (mV)	-58.8	28.2	-98.6	-139	-106.2	-110.6	-134.7	-141.1
pH (SU)	6.85	6.66	6.81	6.28	6.44	6.79	6.8	6.94
S. Conductivity (umhos/cm)	1387	572	1475	1716	1515	1432	1225	1061
Total Organic Carbon (ppm)	---	---	28.4	---	2.63	3.8	---	---
Dissolved Organic Carbon (ppm)	---	---	---	---	---	---	---	---
Biogeochemical Parameters								
Carbon Dioxide (mg/L)	---	---	---	---	---	---	---	---
Nitrogen (mg/L)	---	---	---	---	---	---	---	---
Methane (ug/L)	---	---	---	---	---	---	---	---
Ethane (ng/L)	---	---	---	---	---	---	---	---
Ethene (ng/L)	---	---	---	---	---	---	---	---
Sulfide (mg/L)	---	---	---	---	---	---	---	---
Ferrous Iron (mg/L)	---	---	---	---	---	---	---	---
Dissolved Iron (ug/L)	---	---	---	---	---	---	---	---
Total Iron (ug/L)	---	---	---	---	---	---	---	---
Dissolved Manganese (ug/L)	---	---	---	---	---	---	---	---
Total Manganese (ug/L)	---	---	---	---	---	---	---	---
Alkalinity (mg/L)	---	---	---	---	---	---	---	---
Chloride (mg/L)	---	---	---	---	---	---	---	---
Nitrate (mg/L)	---	---	---	---	---	---	---	---
Nitrite (mg/L)	---	---	---	---	---	---	---	---
Sulfate (mg/L)	---	---	---	---	---	---	---	---

Table 1. Performance Monitoring Results, Kings Electronics, Tuckahoe, New York.

Sample ID:	MW-13	MW-13	MW-13R	MW-13R	MW-13R	MW-13R	MW-13R	MW-13R
Date Sampled:	04/23/2007	disabled	10/03/2007	01/15/2008	04/16/2008	07/24/2008	10/22/2008	01/21/2009
Volatiles (ppb)								
Trichloroethene	1.68		2.99	3.87	0.989	1.7	1.62	1.62
cis-1,2-Dichloroethene	ND		0.435	0.509	ND	ND	0.647	1.85
trans-1,2-Dichloroethene	ND		ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND		ND	ND	ND	ND	ND	2.73
1,1-Dichloroethene	ND		ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND		ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND		ND	0.582	ND	ND	ND	ND
1,1-Dichloroethane	ND		1.08	2.37	1.23	0.796	0.61	0.86
1,2-Dichloroethane(EDC)	ND		ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND		ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND		ND	ND	ND	ND	ND	ND
Field Parameters								
Dissolved Oxygen (mg/L)	0.38		0.13	1.22	0.45	0.68	2.14	0.42
ORP (mV)	-24.2		160.8	147.8	187	218.9	34.6	88.7
pH (SU)	6.69		6.57	6.65	6.26	6.42	6.45	6.75
S. Conductivity (umhos/cm)	1074		1707	1888	1955	2943	1986	1950
Total Organic Carbon (ppm)	---		2.51	---	1.99	1.64	---	---
Dissolved Organic Carbon (ppm)	---		---	---	---	---	---	---
Field Parameters								
Carbon Dioxide (mg/L)	---		---	---	---	---	---	---
Nitrogen (mg/L)	---		---	---	---	---	---	---
Methane (ug/L)	---		---	---	---	---	---	---
Ethane (ng/L)	---		---	---	---	---	---	---
Ethene (ng/L)	---		---	---	---	---	---	---
Sulfide (mg/L)	---		---	---	---	---	---	---
Ferrous Iron (mg/L)	---		---	---	---	---	---	---
Dissolved Iron (ug/L)	---		---	---	---	---	---	---
Total Iron (ug/L)	---		---	---	---	---	---	---
Dissolved Manganese (ug/L)	---		---	---	---	---	---	---
Total Manganese (ug/L)	---		---	---	---	---	---	---
Alkalinity (mg/L)	---		---	---	---	---	---	---
Chloride (mg/L)	---		---	---	---	---	---	---
Nitrate (mg/L)	---		---	---	---	---	---	---
Nitrite (mg/L)	---		---	---	---	---	---	---
Sulfate (mg/L)	---		---	---	---	---	---	---

Table 1. Performance Monitoring Results, Kings Electronics, Tuckahoe, New York.

Sample ID:	OS-MW-3PL	OS-MW-3PL	OS-MW-3PL	OS-MW-3PL	OS-MW-3PL	OS-MW-3PL	OS-MW-3PL	OS-MW-3PL
Date Sampled:	04/23/2007	07/26/2007	10/02/2007	01/14/2008	04/15/2008	07/24/2008	10/22/2008	01/20/2009
Chlorinated VOCs								
Trichloroethene	ND	0.717	ND	0.408	0.479	ND	ND	ND
cis-1,2-Dichloroethene	5.26	1.84	1.16	ND	ND	ND	ND	0.675
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	0.719	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane(EDC)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Field Parameters								
Dissolved Oxygen (mg/L)	2.45	1.8	4.79	4	2.11	0.76	0.78	1.19
ORP (mV)	-40.5	113.9	-32.1	153	190.2	-21.4	-64.1	-28.6
pH (SU)	6.8	6.75	7.06	6.83	6.64	6.85	6.88	7.04
S. Conductivity (umhos/cm)	1306	1066	1380	1124	1315	1504	1132	1145
Total Organic Carbon (ppm)	---	---	6.92	---	7.69	8.03	---	---
Dissolved Organic Carbon (ppm)	---	---	---	---	---	---	---	---
Biogeochemical Parameters								
Carbon Dioxide (mg/L)	---	---	---	---	---	---	---	---
Nitrogen (mg/L)	---	---	---	---	---	---	---	---
Methane (ug/L)	---	---	---	---	---	---	---	---
Ethane (ng/L)	---	---	---	---	---	---	---	---
Ethene (ng/L)	---	---	---	---	---	---	---	---
Sulfide (mg/L)	---	---	---	---	---	---	---	---
Ferrous Iron (mg/L)	---	---	---	---	---	---	---	---
Dissolved Iron (ug/L)	---	---	---	---	---	---	---	---
Total Iron (ug/L)	---	---	---	---	---	---	---	---
Dissolved Manganese (ug/L)	---	---	---	---	---	---	---	---
Total Manganese (ug/L)	---	---	---	---	---	---	---	---
Alkalinity (mg/L)	---	---	---	---	---	---	---	---
Chloride (mg/L)	---	---	---	---	---	---	---	---
Nitrate (mg/L)	---	---	---	---	---	---	---	---
Nitrite (mg/L)	---	---	---	---	---	---	---	---
Sulfate (mg/L)	---	---	---	---	---	---	---	---

Table 1. Performance Monitoring Results, Kings Electronics, Tuckahoe, New York.

Sample ID:	MW-HP-2S	MW-HP-2S	MW-HP-2S	MW-HP-2S	MW-HP-2S	MW-HP-2S	MW-HP-2S	MW-HP-2S
Date Sampled:	04/23/2007	07/24/2007	10/01/2007	01/14/2008	04/15/2008	07/23/2008	10/21/2008	01/20/2009
Chlorinated VOCs								
Trichloroethene	1.2	1.66	2.3	4.52	2.42	2.24	1.95	1.94
cis-1,2-Dichloroethene	ND	0.437	1.95	3.39	0.903	1.5	1.56	1.19
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	17.7	11.2	8.28	22.6	30	16.8	15.2	24.1
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane(EDC)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Field Parameters								
Dissolved Oxygen (mg/L)	0.27	0.41	0.14	0.56	0.23	2.47	6.01	1.09
ORP (mV)	-67.5	10	207.3	160.4	262.4	144.6	283.5	-31.8
pH (SU)	6.89	6.91	6.69	6.85	6.79	6.83	6.49	7.1
S. Conductivity (umhos/cm)	1277	1109	1163	1264	1324	1438	1097	921
Total Organic Carbon (ppm)	---	---	2.72	---	1.61	1.96	---	---
Dissolved Organic Carbon (ppm)	---	---	---	---	---	---	---	---
Biogeochemical Parameters								
Carbon Dioxide (mg/L)	---	---	---	---	---	---	---	---
Nitrogen (mg/L)	---	---	---	---	---	---	---	---
Methane (ug/L)	---	---	---	---	---	---	---	---
Ethane (ng/L)	---	---	---	---	---	---	---	---
Ethene (ng/L)	---	---	---	---	---	---	---	---
Sulfide (mg/L)	---	---	---	---	---	---	---	---
Ferrous Iron (mg/L)	---	---	---	---	---	---	---	---
Dissolved Iron (ug/L)	---	---	---	---	---	---	---	---
Total Iron (ug/L)	---	---	---	---	---	---	---	---
Dissolved Manganese (ug/L)	---	---	---	---	---	---	---	---
Total Manganese (ug/L)	---	---	---	---	---	---	---	---
Alkalinity (mg/L)	---	---	---	---	---	---	---	---
Chloride (mg/L)	---	---	---	---	---	---	---	---
Nitrate (mg/L)	---	---	---	---	---	---	---	---
Nitrite (mg/L)	---	---	---	---	---	---	---	---
Sulfate (mg/L)	---	---	---	---	---	---	---	---

ND Not detected at

Table 1. Performance Monitoring Results, Kings Electronics, Tuckahoe, New York.

Sample ID:	MW-HP-2D	MW-HP-2D	MW-HP-2D	MW-HP-2D	MW-HP-2D	MW-HP-2D	MW-HP-2D	MW-HP-2D
Date Sampled:	04/23/2007	07/24/2007	10/01/2007	01/14/2008	04/15/2008	07/23/2008	10/21/2008	01/20/2009
Chlorinated VOCs								
Trichloroethene	0.76	ND	0.907	1.04	1.41	1.06	1.04	1.26
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	13.1	8.94	14.3	16.9	21.1	19.5	21.5	23
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane(EDC)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Field Parameters								
Dissolved Oxygen (mg/L)	1.24	0.13	5.07	4.1	3.7	2.69	2.97	2.89
ORP (mV)	138.5	247.1	30.5	117.8	162	340.7	205.3	-40
pH (SU)	7	7.01	6.83	7.1	7.03	6.94	6.76	7.25
S. Conductivity (umhos/cm)	1263	1045	1372	1270	1208	1344	972	927
Total Organic Carbon (ppm)	---	---	1.52	---	1.02	1.23	---	---
Dissolved Organic Carbon (ppm)	---	---	---	---	---	---	---	---
Biogeochemical Parameters								
Carbon Dioxide (mg/L)	---	---	---	---	---	---	---	---
Nitrogen (mg/L)	---	---	---	---	---	---	---	---
Methane (ug/L)	---	---	---	---	---	---	---	---
Ethane (ng/L)	---	---	---	---	---	---	---	---
Ethene (ng/L)	---	---	---	---	---	---	---	---
Sulfide (mg/L)	---	---	---	---	---	---	---	---
Ferrous Iron (mg/L)	---	---	---	---	---	---	---	---
Dissolved Iron (ug/L)	---	---	---	---	---	---	---	---
Total Iron (ug/L)	---	---	---	---	---	---	---	---
Dissolved Manganese (ug/L)	---	---	---	---	---	---	---	---
Total Manganese (ug/L)	---	---	---	---	---	---	---	---
Alkalinity (mg/L)	---	---	---	---	---	---	---	---
Chloride (mg/L)	---	---	---	---	---	---	---	---
Nitrate (mg/L)	---	---	---	---	---	---	---	---
Nitrite (mg/L)	---	---	---	---	---	---	---	---
Sulfate (mg/L)	---	---	---	---	---	---	---	---

Table 1. Performance Monitoring Results, Kings Electronics, Tuckahoe, New York.

Sample ID:	OS-MW-2	OS-MW-2	OS-MW-2	OS-MW-2	OS-MW-2	OS-MW-2	OS-MW-2	OS-MW-2
Date Sampled:	04/23/2007	07/26/2007	10/03/2007	01/14/2008	04/16/2008	07/24/2008	10/22/2008	01/22/2009
Chlorinated VOCs								
Trichloroethene	2.13	4.65	2.64	3.43	3.24	5.73	4	3.14
cis-1,2-Dichloroethene	3.41	1.69	1.6	2.49	1.23	1.68	2.55	2.86
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	3.03	5.69	6.63	4.41	8.01	10.3	7.6	7.78
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane(EDC)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Field Parameters								
Dissolved Oxygen (mg/L)	0.59	2.27	0.16	1.12	3.85	1.79	2.95	4.74
ORP (mV)	-62.8	390	201	153.2	173.6	128.4	55	60.1
pH (SU)	6.84	5.61	6.89	6.9	6.77	6.85	6.79	7.22
S. Conductivity (umhos/cm)	1686	790	1353	1574	1520	1573	1222	1222
Total Organic Carbon (ppm)	---	---	2.17	---	1.98	1.71	---	---
Dissolved Organic Carbon (ppm)	---	---	---	---	---	---	---	---
Biogeochemical Parameters								
Carbon Dioxide (mg/L)	---	---	---	---	---	---	---	---
Nitrogen (mg/L)	---	---	---	---	---	---	---	---
Methane (ug/L)	---	---	---	---	---	---	---	---
Ethane (ng/L)	---	---	---	---	---	---	---	---
Ethene (ng/L)	---	---	---	---	---	---	---	---
Sulfide (mg/L)	---	---	---	---	---	---	---	---
Ferrous Iron (mg/L)	---	---	---	---	---	---	---	---
Dissolved Iron (ug/L)	---	---	---	---	---	---	---	---
Total Iron (ug/L)	---	---	---	---	---	---	---	---
Dissolved Manganese (ug/L)	---	---	---	---	---	---	---	---
Total Manganese (ug/L)	---	---	---	---	---	---	---	---
Alkalinity (mg/L)	---	---	---	---	---	---	---	---
Chloride (mg/L)	---	---	---	---	---	---	---	---
Nitrate (mg/L)	---	---	---	---	---	---	---	---
Nitrite (mg/L)	---	---	---	---	---	---	---	---
Sulfate (mg/L)	---	---	---	---	---	---	---	---

Table 1. Performance Monitoring Results, Kings Electronics, Tuckahoe, New York.

Sample ID:	OS-MW-1	OS-MW-1	OS-MW-1	OS-MW-1	OS-MW-1	OS-MW-1	OS-MW-1	OS-MW-1
Date Sampled:	04/23/2007	07/26/2007	10/03/2007	01/14/2008	04/15/2008	07/24/2008	10/22/2008	01/21/2009
Chlorinated VOCs								
Trichloroethene	3.39	2.68	1.15	0.528	1.33	1.94	0.529	1.32
cis-1,2-Dichloroethene	1.36	1.39	1.78	1.36	2.48	1.9	0.498	1.93
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	1.38	1.87	ND	1.93	1.88	0.822	1.67
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1.5	1.45	0.975	1.03	0.66	2.52	0.991	4.08
1,1-Dichloroethane	ND	ND	ND	0.73	3.17	ND	ND	ND
1,2-Dichloroethane(EDC)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	
Field Parameters								
Dissolved Oxygen (mg/L)	0.52	0.93	---	0.12	0.46	1.19	0.7	0.23
ORP (mV)	-44.7	-43.8	-109.6	-125.3	-88	-92.6	-103.3	-120
pH (SU)	6.55	6.36	7.55	6.7	6.87	6.79	6.95	7.2
S. Conductivity (umhos/cm)	3381	828	1182	1470	1288	1510	1231	1201
Total Organic Carbon (ppm)	---	---	2.13	---	1.99	2.07	---	---
Dissolved Organic Carbon (ppm)	---	---	---	---	---	---	---	---
Biogeochemical Parameters								
Carbon Dioxide (mg/L)	---	---	---	---	---	---	---	---
Nitrogen (mg/L)	---	---	---	---	---	---	---	---
Methane (ug/L)	---	---	---	---	---	---	---	---
Ethane (ng/L)	---	---	---	---	---	---	---	---
Ethene (ng/L)	---	---	---	---	---	---	---	---
Sulfide (mg/L)	---	---	---	---	---	---	---	---
Ferrous Iron (mg/L)	---	---	---	---	---	---	---	---
Dissolved Iron (ug/L)	---	---	---	---	---	---	---	---
Total Iron (ug/L)	---	---	---	---	---	---	---	---
Dissolved Manganese (ug/L)	---	---	---	---	---	---	---	---
Total Manganese (ug/L)	---	---	---	---	---	---	---	---
Alkalinity (mg/L)	---	---	---	---	---	---	---	---
Chloride (mg/L)	---	---	---	---	---	---	---	---
Nitrate (mg/L)	---	---	---	---	---	---	---	---
						---	---	---

ND Not detected at the MDL.

IAL
Integrated Analytical Laboratories LLC

ANALYTICAL DATA REPORT

Arcadis Geraghty & Miller
465 New Karner Road
Albany, NY 12205

Project Name: **KINGS ELECTRIC - VENDOR #1168636**
IAL Case Number: **E09-00763**

These data have been reviewed and accepted by:

Michael H. Leffin, Ph.D.
Laboratory Director

273 Franklin Road
Randolph, NJ 07869
Phone: 973 361 4252
Fax: 973 989 5288

Sample Summary

IAL Case No.

E09-00763

Client Arcadis Geraghty & Miller

Project KINGS ELECTRIC - VENDOR #1168636

Received On 1/23/2009@17:08

Lab ID	*Client Sample ID*	*Depth Top/Bottom*	*Sampling Time*	*Matrix*	*# of Container*
00763-001	MW-HP-2D	n/a	1/20/2009@09:10	Aqueous	2
00763-002	MW-HP-2S	n/a	1/20/2009@10:26	Aqueous	2
00763-003	OS-MW-3PL	n/a	1/20/2009@11:56	Aqueous	2
00763-004	MW-6S	n/a	1/20/2009@13:17	Aqueous	2
00763-005	OS-MW-1	n/a	1/21/2009@13:59	Aqueous	2
00763-006	MW-9D	n/a	1/21/2009@14:11	Aqueous	2
00763-007	MW-9S	n/a	1/21/2009@10:42	Aqueous	2
00763-008	DUP(012109)	n/a	1/21/2009	Aqueous	2
00763-009	MW-13	n/a	1/21/2009@11:15	Aqueous	2
00763-010	OS-MW-2	n/a	1/22/2009@10:03	Aqueous	2
00763-011	GP-103R	n/a	1/22/2009@10:02	Aqueous	2
00763-012	GP-104R	n/a	1/22/2009@11:02	Aqueous	2
00763-013	FB(012009)	n/a	1/20/2009@10:15	Aqueous	2
00763-014	FB(012109)	n/a	1/21/2009@12:00	Aqueous	2
00763-015	FB(012209)	n/a	1/22/2009@09:15	Aqueous	2
00763-016	TBLANK(012009)	n/a	1/20/2009	Aqueous	2
00763-017	PTW-2	n/a	1/22/2009@13:53	Aqueous	2

Integrated Analytical Labs ~ 273 Franklin Road, Randolph, NJ 07869 ~ (973) 361-4252 ~ Fax (973) 989-5288

INTEGRATED ANALYTICAL LABORATORIES, LLC.

TABLE OF CONTENTS

* Methodology is included in the IAL Project Information Page

INTEGRATED ANALYTICAL LABORATORIES, LLC.

MATRIX QUALIFIERS

A - Indicates the sample is an Aqueous matrix.

O - Indicates the sample is an Oil matrix.

S - Indicates the sample is a Soil, Sludge or Sediment matrix.

X - Indicates the sample is an Other matrix as indicated by Client Chain of Custody.

DATA QUALIFIERS

B - Indicates the analyte was found in the Blank and in the sample. It indicates possible sample contamination and warns the data user to use caution when applying the results of the analyte.

C - Common Laboratory Contaminant.

D - The compound was reported from the Diluted analysis.

D.F. - Dilution Factor.

E - Estimated concentration, reported results are outside the calibrated range of the instrument.

J - Indicates an estimated value. The compound was detected at a value below the method detection limit but greater than zero. For GC/MS procedures, the mass spectral data meets the criteria required to identify the target compound.

MDL - Method Detection Limit.

MI - Indicates compound concentration could not be determined due to Matrix Interferences.

NA - Not Applicable.

ND - Indicates the compound was analyzed for but Not Detected at the MDL.

REPORT QUALIFIERS

All solid sample analyses are reported on a dry weight basis.

All solid sample values are corrected for original sample size and percent solids.

Q - Qualifier

INTEGRATED ANALYTICAL LABORATORIES, LLC.

CONFORMANCE / NONCONFORMANCE SUMMARY

Integrated Analytical Laboratories, LLC. received seventeen (17) aqueous sample(s) from Arcadis Geraghty & Miller (Project: KINGS ELECTRIC - VENDOR #1168636) on January 23, 2009 for the analysis of:

(17) PP VOA + Cis 1,2-DCE

A review of the QA/QC measures for the analysis of the sample(s) contained in this report has been performed by:

Reviewed by

2/9/09
Date

INTEGRATED ANALYTICAL LABORATORIES, LLC.

LABORATORY DELIVERABLES CHECK LIST

Lab Case Number: E09-00763

		Check If Complete
1.	Cover Page, Title Page listing Lab Certification #, facility name & address and date of report preparation.	✓
2.	Table of Contents.	✓
3.	Summary Sheets listing analytical results for all targeted and non-targeted compounds.	✓
4.	Summary Table cross-referencing Field ID's vs. Lab ID's.	✓
5.	Document bound, paginated and legible.	✓
6.	Chain of Custody.	✓
7.	Methodology Summary.	✓
8.	Laboratory Chronicle and Holding Time Check.	✓
9.	Results submitted on a dry weight basis (if applicable).	✓
10.	Method Detection Limits.	✓
11.	Lab certified by NJDEP for parameters or appropriate category of parameters or a member of the USEPA CLP.	✓
12.	NonConformance Summary.	✓

Joaquin A Beguiristain
QC Reviewed by

2/9/09
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC/MS VOLATILE ANALYSIS

Lab Case Number: E09 - 763

		No	Yes
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		✓
2.	GC/MS Tuning Specifications: a. BFB Passed		✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series and 8 hours for 500 series.		✓
4.	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series, 12 hours for 8000 series		✓
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds		na
	b. System Performance Check Compounds		na
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range)		✓
	If not met, were the calculations checked and the results qualified as "estimated"?		na
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range)		na
9.	Internal Standard Area/Retention Time Shift meet criteria		✓
10.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:		na
11.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:		✓
12.	Sample Dilution Performed	✓	

High Target Compounds	High Nontarget Compounds	Matrix Interference	Other

13. Comments:

Organics Manager

1/29/07
Date

0004

rev 01/09

INTEGRATED ANALYTICAL LABORATORIES, LLC.
SUMMARY REPORT
Client: Arcadis Geraghty & Miller
Project: KINGS ELECTRIC - VENDOR #1168636
Lab Case No.: E09-00763

	Lab ID:	00763-001			00763-002			00763-003			00763-004		
	Client ID:	MW-HP-2D			MW-HP-2S			OS-MW-3PL			MW-6S		
	Matrix:	Aqueous			Aqueous			Aqueous			Aqueous		
	Sampled Date	1/20/09			1/20/09			1/20/09			1/20/09		
PARAMETER(Units)		Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Volatiles + Cis 1,2-DCE (Units)		*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
1,1-Dichloroethane		ND		0.210	ND		0.210	ND		0.210	0.417		0.210
cis-1,2-Dichloroethene		ND		0.190	1.19		0.190	0.675		0.190	ND		0.190
Chloroform		0.738		0.140	ND		0.140	ND		0.140	ND		0.140
1,1,1-Trichloroethane		ND		0.360	ND		0.360	ND		0.360	5.10		0.360
Trichloroethene		1.26		0.190	1.94		0.190	ND		0.190	43.3		0.190
Tetrachloroethene		23.0		0.330	24.1		0.330	ND		0.330	5.55		0.330
TOTAL VO's:		25.0			27.2			0.675			54.4		

	Lab ID:	00763-005			00763-006			00763-007			00763-008		
	Client ID:	OS-MW-1			MW-9D			MW-9S			DUP(012109)		
	Matrix:	Aqueous			Aqueous			Aqueous			Aqueous		
	Sampled Date	1/21/09			1/21/09			1/21/09			1/21/09		
PARAMETER(Units)		Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Volatiles + Cis 1,2-DCE (Units)		*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
Vinyl chloride		1.67		0.460	ND		0.460	0.808		0.460	0.852		0.460
1,1-Dichloroethane		ND		0.210	ND		0.210	0.547		0.210	0.628		0.210
cis-1,2-Dichloroethene		1.93		0.190	ND		0.190	0.640		0.190	0.643		0.190
Trichloroethene		1.32		0.190	ND		0.190	ND		0.190	ND		0.190
Tetrachloroethene		4.08		0.330	ND		0.330	ND		0.330	ND		0.330
Ethylbenzene		2.23		0.270	ND		0.270	ND		0.270	ND		0.270
TOTAL VO's:		11.2			ND			2.00			2.12		

	Lab ID:	00763-009			00763-010			00763-011			00763-012		
	Client ID:	MW-13			OS-MW-2			GP-103R			GP-104R		
	Matrix:	Aqueous			Aqueous			Aqueous			Aqueous		
	Sampled Date	1/21/09			1/22/09			1/22/09			1/22/09		
PARAMETER(Units)		Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Volatiles + Cis 1,2-DCE (Units)		*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
Vinyl chloride		2.73		0.460	ND		0.460	0.763		0.460	0.502		0.460
trans-1,2-Dichloroethene		ND		0.250	ND		0.250	ND		0.250	1.19		0.250
1,1-Dichloroethane		0.860		0.210	ND		0.210	ND		0.210	1.48		0.210
cis-1,2-Dichloroethene		1.85		0.190	2.86		0.190	0.579		0.190	1.58		0.190
Trichloroethene		1.62		0.190	3.14		0.190	ND		0.190	1.49		0.190
Tetrachloroethene		ND		0.330	7.78		0.330	ND		0.330	ND		0.330
TOTAL VO's:		7.06			13.8			1.34			6.24		

	Lab ID:	00763-013			00763-014			00763-015			00763-016		
	Client ID:	FB(012009)			FB(012109)			FB(012209)			TBLANK(012009)		
	Matrix:	Aqueous			Aqueous			Aqueous			Aqueous		
	Sampled Date	1/20/09			1/21/09			1/22/09			1/20/09		
PARAMETER(Units)		Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Volatiles + Cis 1,2-DCE (Units)		*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
cis-1,2-Dichloroethene		ND		0.190	ND		0.190	ND		0.190	ND		0.190
TOTAL VO's:		ND			ND			ND			ND		

	Lab ID:	00763-017		
	Client ID:	PTW-2		
	Matrix:	Aqueous		
	Sampled Date	1/22/09		
PARAMETER(Units)		Conc	Q	MDL
Volatiles + Cis 1,2-DCE (Units)		*(ug/L-ppb)*		
1,1-Dichloroethane		1.69		0.210
cis-1,2-Dichloroethene		ND		0.190
Trichloroethene		0.525		0.190
TOTAL VO's:		2.22		

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS ELEC

Lab ID: 00763-001
Client ID: MW-HP-2D
Date Received: 01/23/2009
Date Analyzed: 01/27/2009
Data file: J0428.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	ND		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	ND		0.210
cis-1,2-Dichloroethene	ND		0.190
Chloroform	0.738		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	1.26		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	23.0		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 25.0

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS ELEC

Lab ID: 00763-002
Client ID: MW-HP-2S
Date Received: 01/23/2009
Date Analyzed: 01/27/2009
Data file: J0429.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	ND		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	ND		0.210
cis-1,2-Dichloroethene	1.19		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	1.94		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	24.1		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 27.2

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS_ELEC

Lab ID: 00763-003
Client ID: OS-MW-3PL
Date Received: 01/23/2009
Date Analyzed: 01/27/2009
Data file: J0430.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-μg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	ND		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	ND		0.210
cis-1,2-Dichloroethene	0.675		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	ND		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	ND		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 0.675

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS ELEC

Lab ID: 00763-004
Client ID: MW-6S
Date Received: 01/23/2009
Date Analyzed: 01/27/2009
Data file: J0431.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	ND		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	0.417		0.210
cis-1,2-Dichloroethene	ND		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	5.10		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	43.3		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	5.55		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 54.4

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS ELEC

Lab ID: 00763-005
Client ID: OS-MW-1
Date Received: 01/23/2009
Date Analyzed: 01/28/2009
Data file: J0438.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	1.67		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	ND		0.210
cis-1,2-Dichloroethene	1.93		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	1.32		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	4.08		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	2.23		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 11.2

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS_ELEC

Lab ID: 00763-006
Client ID: MW-9D
Date Received: 01/23/2009
Date Analyzed: 01/28/2009
Data file: J0440.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-μg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	ND		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	ND		0.210
cis-1,2-Dichloroethene	ND		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	ND		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	ND		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 0

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS_ELEC

Lab ID: 00763-007
Client ID: MW-9S
Date Received: 01/23/2009
Date Analyzed: 01/28/2009
Data file: J0441.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-μg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	0.808		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	0.547		0.210
cis-1,2-Dichloroethene	0.640		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	ND		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	ND		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 2.00

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS_ELEC

Lab ID: 00763-008
Client ID: DUP(012109)
Date Received: 01/23/2009
Date Analyzed: 01/28/2009
Data file: J0442.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-μg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	0.852		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	0.628		0.210
cis-1,2-Dichloroethene	0.643		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	ND		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	ND		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 2.12

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS ELEC

Lab ID: 00763-009
Client ID: MW-13
Date Received: 01/23/2009
Date Analyzed: 01/28/2009
Data file: J0443.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	2.73		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	0.860		0.210
cis-1,2-Dichloroethene	1.85		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	1.62		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	ND		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 7.06

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS_ELEC

Lab ID: 00763-010
Client ID: OS-MW-2
Date Received: 01/23/2009
Date Analyzed: 01/28/2009
Data file: J0444.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-μg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	ND		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	ND		0.210
cis-1,2-Dichloroethene	2.86		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	3.14		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	7.78		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 13.8

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS_ELEC

Lab ID: 00763-011
Client ID: GP-103R
Date Received: 01/23/2009
Date Analyzed: 01/28/2009
Data file: J0445.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	0.763		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	ND		0.210
cis-1,2-Dichloroethene	0.579		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	ND		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	ND		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 1.34

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS_ELEC

Lab ID: 00763-012
Client ID: GP-104R
Date Received: 01/23/2009
Date Analyzed: 01/28/2009
Data file: J0446.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-μg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	0.502		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	1.19		0.250
1,1-Dichloroethane	1.48		0.210
cis-1,2-Dichloroethene	1.58		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	1.49		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	ND		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 6.24

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS_ELEC

Lab ID: 00763-013
Client ID: FB(012009)
Date Received: 01/23/2009
Date Analyzed: 01/28/2009
Data file: J0449.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-μg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	ND		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	ND		0.210
cis-1,2-Dichloroethene	ND		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	ND		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	ND		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 0

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS ELEC

Lab ID: 00763-014
Client ID: FB(012109)
Date Received: 01/23/2009
Date Analyzed: 01/28/2009
Data file: J0450.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-μg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	ND		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	ND		0.210
cis-1,2-Dichloroethene	ND		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	ND		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	ND		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 0

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS_ELEC

Lab ID: 00763-015
Client ID: FB(012209)
Date Received: 01/23/2009
Date Analyzed: 01/28/2009
Data file: J0451.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-μg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	ND		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	ND		0.210
cis-1,2-Dichloroethene	ND		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	ND		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	ND		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 0

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS ELEC

Lab ID: 00763-016
Client ID: TBLANK(012009)
Date Received: 01/23/2009
Date Analyzed: 01/28/2009
Data file: J0452.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	ND		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	ND		0.210
cis-1,2-Dichloroethene	ND		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	ND		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	ND		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 0

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project: ARCADIS/KINGS ELEC

Lab ID: 00763-017
Client ID: PTW-2
Date Received: 01/23/2009
Date Analyzed: 01/28/2009
Data file: J0453.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	ND		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	1.69		0.210
cis-1,2-Dichloroethene	ND		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	0.525		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	ND		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 2.22

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

Lab File ID: J0356.D

BFB Injection Date: 01/22/2009

Inst ID: MSD_J

BFB Injection Time: 12:40

m/z	Ion Abudance Criteria	%Relative Abundance			
50	15 - 40.0% of mass 95	20.9			
75	30.0 - 60.0% of mass 95	49.3			
95	Base peak, 100% relative abundance	100.0			
96	5.0 - 9.0% of mass 95	6.8			
173	Less than 2.0% of mass 174	0.1	(	0.2	)1
174	Great than 50.0% of mass 95	66.3			
175	5.0 - 9.0% of mass 174	5.3	(	8.0	)1
176	95.0 - 101.0% of mass 174	64.4	(	97.1	)1
177	5.0 - 9.0% of mass 176	4.4	(	6.8	)2
	1-Value is % mass 174	2-Value is % mass 176			

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS:

Client ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
20PPB	STD-20PPB	J0357.D	01/22/2009	1:06
5PPB	STD-5PPB	J0358.D	01/22/2009	1:31
100PPB	STD-100PPB	J0360.D	01/22/2009	2:24
200PPB	STD-200PPB	J0363.D	01/22/2009	3:41
150PPB	STD-150PPB	J0364.D	01/22/2009	4:57
1PPB	STD-1PPB	J0366.D	01/22/2009	5:49

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

Lab File ID: J0407.D

BFB Injection Date: 01/27/2009

Inst ID: MSD_J

BFB Injection Time: 11:19

m/z	Ion Abudance Criteria	%Relative Abundance			
50	15 - 40.0% of mass 95	20.9			
75	30.0 - 60.0% of mass 95	48.6			
95	Base peak, 100% relative abundance	100.0			
96	5.0 - 9.0% of mass 95	6.3			
173	Less than 2.0% of mass 174	0.0	(	0.0	)1
174	Great than 50.0% of mass 95	67.4			
175	5.0 - 9.0% of mass 174	5.0	(	7.4	)1
176	95.0 - 101.0% of mass 174	66.3	(	98.4	)1
177	5.0 - 9.0% of mass 176	4.3	(	6.5	)2
	1-Value is % mass 174	2-Value is % mass 176			

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS:

Client ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
100PPB	STD-100PPB	J0408.D	01/27/2009	1:02
NA	METHOD-BLK	J0410.D	01/27/2009	1:53
SB-2	00688-002	J0411.D	01/27/2009	2:19
SB-1	00688-001	J0412.D	01/27/2009	2:59
LCS-50PPB	BLK-SPK	J0413.D	01/27/2009	3:25
MW-2	00766-001	J0414.D	01/27/2009	3:51
MW-2	00687-004	J0416.D	01/27/2009	4:43
MS	WATER-MS	J0417.D	01/27/2009	5:09
MSD	WATER-MSD	J0418.D	01/27/2009	5:35
MW-4	00687-002	J0419.D	01/27/2009	6:01
MW-3	00687-003	J0420.D	01/27/2009	6:27
MW-1	00687-005	J0421.D	01/27/2009	6:53
FIELD_BLANK	00687-006	J0422.D	01/27/2009	7:18
TRIP_BLANK	00687-007	J0423.D	01/27/2009	7:44
MW-3	00766-002	J0424.D	01/27/2009	8:10
MW-5	00766-003	J0425.D	01/27/2009	8:36
FIELD_BLANK	00766-004	J0426.D	01/27/2009	9:02
TRIP_BLANK	00766-005	J0427.D	01/27/2009	9:28
MW-HP-2D	00763-001	J0428.D	01/27/2009	9:54
MW-HP-2S	00763-002	J0429.D	01/27/2009	10:20

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

Lab File ID: J0407.D BFB Injection Date : 01/27/200

Inst ID: MSD_J BFB Injection Time: 11:19

m/z	Ion Abudance Criteria	%Relative Abundance			
50	15 - 40.0% of mass 95	20.9			
75	30.0 - 60.0% of mass 95	48.6			
95	Base peak, 100% relative abundance	100.0			
96	5.0 - 9.0% of mass 95	6.3			
173	Less than 2.0% of mass 174	0.0	(	0.0	)1
174	Great than 50.0% of mass 95	67.4			
175	5.0 - 9.0% of mass 174	5.0	(	7.4	)1
176	95.0 - 101.0% of mass 174	66.3	(	98.4	)1
177	5.0 - 9.0% of mass 176	4.3	(	6.5	)2
	1-Value is % mass 174	2-Value is % mass 176			

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS:

Client ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
OS-MW-3PL	00763-003	J0430.D	01/27/2009	10:46
MW-6S	00763-004	J0431.D	01/27/2009	11:12

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

Lab File ID: J0433.D

BFB Injection Date: 01/28/2009

Inst ID: MSD_J

BFB Injection Time: 12:04

m/z	Ion Abudance Criteria	%Relative Abundance	
50	15 - 40.0% of mass 95	21.8	
75	30.0 - 60.0% of mass 95	50.6	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.0	(0.0)1
174	Great than 50.0% of mass 95	71.0	
175	5.0 - 9.0% of mass 174	5.3	(7.4)1
176	95.0 - 101.0% of mass 174	68.4	(96.3)1
177	5.0 - 9.0% of mass 176	4.4	(6.5)2
	1-Value is % mass 174	2-Value is % mass 176	

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS:

Client ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
100PPB	STD-100PPB	J0434.D	01/28/2009	12:29
NA	METHOD-BLK	J0437.D	01/28/2009	1:46
OS-MW-1	00763-005	J0438.D	01/28/2009	2:12
MW-9D	00763-006	J0440.D	01/28/2009	3:04
MW-9S	00763-007	J0441.D	01/28/2009	3:29
DUP(012109)	00763-008	J0442.D	01/28/2009	3:55
MW-13	00763-009	J0443.D	01/28/2009	4:21
OS-MW-2	00763-010	J0444.D	01/28/2009	4:47
GP-103R	00763-011	J0445.D	01/28/2009	5:12
GP-104R	00763-012	J0446.D	01/28/2009	5:38
MS	MS	J0447.D	01/28/2009	6:03
MSD	MSD	J0448.D	01/28/2009	6:30
FB(012009)	00763-013	J0449.D	01/28/2009	6:55
FB(012109)	00763-014	J0450.D	01/28/2009	7:21
FB(012209)	00763-015	J0451.D	01/28/2009	7:47
TBLANK(012009)	00763-016	J0452.D	01/28/2009	8:13
PTW-2	00763-017	J0453.D	01/28/2009	8:39
LCS-50PPB	BLK-SPK	J0457.D	01/28/2009	10:23
MW-5	00687-001	J0458.D	01/28/2009	10:49

VOLATILE METHOD BLANK SUMMARY

Lab File ID: J0410.D Instrument ID: MSD_J

Date Analyzed: 01/27/2009 Time Analyzed: 01:53

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS & MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
SB-2	00688-002	01/27/2009	2:19
SB-1	00688-001	01/27/2009	2:59
LCS-50PPB	BLK-SPK	01/27/2009	3:25
MW-2	00766-001	01/27/2009	3:51
MW-2	00687-004	01/27/2009	4:43
MS	WATER-MS	01/27/2009	5:09
MSD	WATER-MSD	01/27/2009	5:35
MW-4	00687-002	01/27/2009	6:01
MW-3	00687-003	01/27/2009	6:27
MW-1	00687-005	01/27/2009	6:53
FIELD_BLANK	00687-006	01/27/2009	7:18
TRIP_BLANK	00687-007	01/27/2009	7:44
MW-3	00766-002	01/27/2009	8:10
MW-5	00766-003	01/27/2009	8:36
FIELD_BLANK	00766-004	01/27/2009	9:02
TRIP_BLANK	00766-005	01/27/2009	9:28
MW-HP-2D	00763-001	01/27/2009	9:54
MW-HP-2S	00763-002	01/27/2009	10:20
OS-MW-3PL	00763-003	01/27/2009	10:46
MW-6S	00763-004	01/27/2009	11:12

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project:

Lab ID: METHOD-BLK
Client ID: NA
Date Received:
Date Analyzed: 01/27/2009
Data file: J0410.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	ND		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	ND		0.210
cis-1,2-Dichloroethene	ND		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	ND		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	ND		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 0

VOLATILE METHOD BLANK SUMMARY

Lab File ID: J0437.D

Instrument ID: MSD_J

Date Analyzed: 01/28/2009

Time Analyzed: 01:46

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS & MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
OS-MW-1	00763-005	01/28/2009	2:12
MW-9D	00763-006	01/28/2009	3:04
MW-9S	00763-007	01/28/2009	3:29
DUP(012109)	00763-008	01/28/2009	3:55
MW-13	00763-009	01/28/2009	4:21
OS-MW-2	00763-010	01/28/2009	4:47
GP-103R	00763-011	01/28/2009	5:12
GP-104R	00763-012	01/28/2009	5:38
MS	MS	01/28/2009	6:03
MSD	MSD	01/28/2009	6:30
FB(012009)	00763-013	01/28/2009	6:55
FB(012109)	00763-014	01/28/2009	7:21
FB(012209)	00763-015	01/28/2009	7:47
TBLANK(012009)	00763-016	01/28/2009	8:13
PTW-2	00763-017	01/28/2009	8:39
LCS-50PPB	BLK-SPK	01/28/2009	10:23
MW-5	00687-001	01/28/2009	10:49

FORM 4

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Client/Project:

Lab ID: METHOD-BLK
Client ID: NA
Date Received:
Date Analyzed: 01/28/2009
Data file: J0437.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-μg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	MDL
Chloromethane	ND		0.180
Vinyl chloride	ND		0.460
Bromomethane	ND		0.370
Chloroethane	ND		0.640
Trichlorofluoromethane	ND		0.740
Acrolein	ND		2.57
1,1-Dichloroethene	ND		0.530
Methylene chloride	ND		1.98
Acrylonitrile	ND		0.740
trans-1,2-Dichloroethene	ND		0.250
1,1-Dichloroethane	ND		0.210
cis-1,2-Dichloroethene	ND		0.190
Chloroform	ND		0.140
1,1,1-Trichloroethane	ND		0.360
Carbon tetrachloride	ND		0.300
1,2-Dichloroethane (EDC)	ND		0.190
Benzene	ND		0.170
Trichloroethene	ND		0.190
1,2-Dichloropropane	ND		0.160
Bromodichloromethane	ND		0.180
2-Chloroethyl vinyl ether	ND		1.04
cis-1,3-Dichloropropene	ND		0.240
Toluene	ND		0.230
trans-1,3-Dichloropropene	ND		0.320
1,1,2-Trichloroethane	ND		0.150
Tetrachloroethene	ND		0.330
Dibromochloromethane	ND		0.160
Chlorobenzene	ND		0.200
Ethylbenzene	ND		0.270
Total Xylenes	ND		0.790
Bromoform	ND		0.150
1,1,2,2-Tetrachloroethane	ND		0.170
1,3-Dichlorobenzene	ND		0.230
1,4-Dichlorobenzene	ND		0.250
1,2-Dichlorobenzene	ND		0.230

Total Target Compounds: 0

Response Factor Report MSD_J

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration

Calibration Files

5	=J0358.D	100	=J0360.D	20	=J0357.D
150	=J0364.D	200	=J0363.D	1	=J0366.D

		Compound (ppb)	5	100	20	150	200	1	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluoromet	0.489	0.543	0.566	0.609	0.578	0.447	0.539	11.19
3)	P	Chloromethane	0.644	0.663	0.730	0.809	0.785	0.591	0.704	12.14
4)	C	Vinyl chloride	0.452	0.466	0.508	0.585	0.524	0.426	0.493	11.65
5)	T	Bromomethane	0.291	0.263	0.284	0.329	0.276	0.262	0.284	8.68
6)	T	Chloroethane	0.234	0.257	0.267	0.332	0.302	0.248	0.273	13.42
7)	T	Trichlorofluorometh	0.556	0.573	0.545	0.670	0.607	0.553	0.584	8.13
8)	T	Acrolein	0.009	0.013	0.011	0.017	0.014	0.014	0.013	22.09
9)	MC	1,1-Dichloroethene	0.321	0.330	0.333	0.415	0.371	0.343	0.352	9.99
10)	T	Acetone	0.264	0.200	0.233	0.224	0.199	0.232	0.225	10.72
11)	T	Carbon disulfide	0.944	1.132	1.175	1.452	1.311	1.175	1.198	14.32
12)	T	Vinyl acetate	1.604	1.698	1.827	1.923	1.766	1.527	1.724	8.44
13)	T	Methylene chloride	0.384	0.295	0.421	0.453	0.417	0.345	0.386	14.95
14)	T	Acrylonitrile	0.133	0.151	0.084	0.171	0.152	0.179	0.145	23.63
15)	T	tert-Butyl alcohol	0.038	0.033	0.035	0.040	0.038	0.026	0.035	14.59
16)	T	trans-1,2-Dichloroe	0.465	0.472	0.508	0.571	0.506	0.466	0.498	8.14
17)	T	Methyl tert-butyl e	0.481	0.474	0.432	0.652	0.620	0.469	0.521	17.51
18)	P	1,1-Dichloroethane	0.891	0.938	1.002	1.146	1.021	0.995	0.999	8.65
19)	T	Diisopropyl ether (	1.918	1.941	2.058	2.267	2.033	1.712	1.988	9.22
20)	T	cis-1,2-Dichloroeth	0.521	0.533	0.583	0.627	0.558	0.479	0.550	9.35
21)	T	2,2-Dichloropropane	0.275	0.325	0.272	0.387	0.388	0.325	0.329	15.46
22)	T	2-Butanone (MEK)	0.443	0.375	0.400	0.404	0.360	0.478	0.410	10.71
23)	T	Bromochloromethane	0.251	0.262	0.284	0.306	0.275	0.249	0.271	7.95
25)	C	Chloroform	0.852	0.868	0.929	1.037	0.940	0.789	0.903	9.52
26)	T	1,1,1-Trichloroetha	0.542	0.638	0.643	0.790	0.720	0.756	0.682	13.40
27)	T	Carbon tetrachlorid	0.480	0.580	0.540	0.740	0.672	0.600	0.602	15.46
28)	T	1,1-Dichloropropene	0.632	0.634	0.705	0.757	0.671	0.663	0.677	7.00
29)	T	1,2-Dichloroethane	0.747	0.727	0.789	0.834	0.759	0.733	0.765	5.30
30)	S	1,2-Dichloroethane-	0.631	0.568	0.586	0.586	0.569	0.628	0.594	4.76
31)	I	1,4-Difluorobenzene	----------ISTD----------							
32)	M	Benzene	1.216	1.199	1.347	1.391	1.225	1.100	1.247	8.49
33)	M	Trichloroethene	0.309	0.319	0.348	0.378	0.337	0.308	0.333	8.14
34)	C	1,2-Dichloropropane	0.337	0.341	0.370	0.391	0.348	0.302	0.348	8.68
35)	T	Dibromomethane	0.176	0.178	0.189	0.198	0.180	0.162	0.180	6.93
36)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	16.22
37)	T	Bromodichloromethan	0.361	0.408	0.389	0.484	0.444	0.364	0.409	11.84
38)	T	2-Chloroethyl vinyl	0.002	0.001	0.002	0.001	0.002	0.002	0.002	26.20
39)	T	cis-1,3-Dichloropro	0.415	0.505	0.496	0.586	0.534	0.360	0.483	16.95
40)	T	4-Methyl-2-pentanon	0.534	0.502	0.524	0.543	0.498	0.587	0.531	6.11
41)	S	Toluene-d8	1.118	1.105	1.100	1.118	1.110	1.111	1.110	0.64
42)	MC	Toluene	0.768	0.762	0.851	0.894	0.794	0.746	0.803	7.24
43)	T	trans-1,3-Dichlorop	0.556	0.440	0.399	0.516	0.473	0.477	0.477	11.55
44)	T	1,1,2-Trichloroetha	0.227	0.212	0.228	0.237	0.212	0.215	0.222	4.57
45)	T	Tetrachloroethene	0.285	0.304	0.332	0.350	0.313	0.297	0.313	7.65
46)	T	1,3-Dichloropropane	0.483	0.455	0.502	0.502	0.453	0.483	0.480	4.51
47)	T	2-Hexanone	0.392	0.394	0.400	0.432	0.393	0.414	0.404	3.94
48)	T	Dibromochloromethan	0.229	0.298	0.243	0.362	0.333	0.247	0.285	19.05
49)	T	1,2-Dibromoethane (	0.287	0.281	0.286	0.319	0.291	0.276	0.290	5.18

50)	I	Chlorobenzene-d5	----------ISTD----------							
51)	MP	Chlorobenzene	1.015	0.986	1.082	1.129	1.019	1.026	1.043	5.03
52)	T	1,1,1,2-Tetrachloro	0.264	0.336	0.316	0.397	0.365	0.324	0.334	13.56
53)	C	Ethylbenzene	1.481	1.536	1.659	1.769	1.584	1.433	1.577	7.77
54)	T	m,p-Xylene	0.638	0.617	0.704	0.690	0.605	0.635	0.648	6.19
55)	T	o-Xylene	0.623	0.628	0.706	0.699	0.620	0.568	0.641	8.20
56)	T	Styrene	1.074	1.082	1.170	1.216	1.090	1.019	1.108	6.43
57)	P	Bromoform	0.088	0.164	0.116	0.175	0.137	0.101	0.130	26.62
58)	T	Isopropylbenzene	1.484	1.618	1.724	1.900	1.692	1.404	1.637	10.85
59)	S	Bromofluorobenzene	0.557	0.573	0.566	0.579	0.588	0.563	0.571	2.01
60)	P	1,1,2,2-Tetrachloro	0.367	0.330	0.365	0.348	0.313	0.381	0.351	7.22
61)	T	Bromobenzene	0.428	0.409	0.443	0.467	0.415	0.409	0.428	5.34
62)	T	1,2,3-Trichloroprop	0.328	0.305	0.319	0.332	0.304	0.346	0.322	5.06
63)	T	n-Propylbenzene	1.587	1.726	1.804	2.021	1.791	1.746	1.779	7.96
64)	T	2-Chlorotoluene	1.179	1.103	1.191	1.287	1.143	1.428	1.222	9.68
65)	T	1,3,5-Trimethylbenz	1.327	1.404	1.506	1.596	1.406	1.292	1.422	7.96
66)	T	4-Chlorotoluene	1.304	1.302	1.421	1.487	1.307	1.428	1.375	5.86
67)	T	tert-Butylbenzene	1.047	1.036	1.118	1.225	1.076	1.039	1.090	6.67
68)	T	1,2,4-Trimethylbenz	1.395	1.496	1.597	1.722	1.515	1.422	1.524	7.89
69)	T	sec-Butylbenzene	1.497	1.630	1.732	1.886	1.654	1.631	1.672	7.74
70)	T	1,3-Dichlorobenzene	0.781	0.792	0.853	0.907	0.800	0.869	0.834	6.01
71)	T	4-Isopropyltoluene	1.243	1.370	1.456	1.581	1.366	1.312	1.388	8.49
72)	T	1,4-Dichlorobenzene	0.805	0.834	0.890	0.954	0.841	0.965	0.881	7.54
73)	T	n-Butylbenzene	0.521	0.573	0.632	0.646	0.553	0.648	0.596	9.00
74)	T	1,2-Dichlorobenzene	0.780	0.760	0.840	0.830	0.734	0.891	0.806	7.23
75)	T	1,2-Dibromo-3-chlor	0.044	0.058	0.049	0.065	0.060	0.050	0.054	14.74
76)	T	1,2,4-Trichlorobenz	0.333	0.364	0.399	0.382	0.320	0.355	0.359	8.19
77)	T	Hexachlorobutadiene	0.167	0.139	0.168	0.157	0.135	0.144	0.152	9.47
78)	T	Naphthalene	0.910	0.950	0.958	1.027	0.869	0.921	0.939	5.69
79)	T	1,2,3-Trichlorobenz	0.301	0.300	0.330	0.318	0.265	0.290	0.301	7.55
80)	T	1,1,2-Trichloro-1,2	0.210	0.197	0.199	0.222	0.205	0.206	0.207	4.36
81)	T	Methyl acetate	0.170	0.142	0.143	0.151	0.140	0.142	0.148	7.76
82)	T	Cyclohexane	0.616	0.574	0.626	0.612	0.569	0.513	0.585	7.24
83)	T	Methylcyclohexane	0.380	0.413	0.453	0.437	0.418	0.431	0.422	5.96

(#) = Out of Range

JAW0122.M Wed Jan 28 11:44:40 2009 MANAGER

Instrument ID: MSD_J
Method ID: JAW0122
Date: 01/22/09

Average %RSD = 9.75

Refer to SW846 Method 8000B Section 7.5.1.

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0408.D Vial: 5
Acq On : 27 Jan 2009 1:02 pm Operator: BINXU
Sample : 100PPB,STD-100PPB,A,5ml,100 Inst : MSD_J
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Single Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 35% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	106	0.00
2	T	Dichlorodifluoromethane	0.539	0.448	16.9	88	-0.01
3	P	Chloromethane	0.704	0.658	6.5	105	0.00
4	C	Vinyl chloride	0.493	0.447	9.3	102	0.00
5	T	Bromomethane	0.284	0.286	-0.7	115	-0.01
6	T	Chloroethane	0.273	0.265	2.9	109	-0.02
7	T	Trichlorofluoromethane	0.584	0.497	14.9	92	0.00
8	T	Acrolein	0.013	0.015	-15.4	121	0.00
9	MC	1,1-Dichloroethene	0.352	0.313	11.1	101	0.00
10	T	Acetone	0.225	0.216	4.0	114	0.00
11	T	Carbon disulfide	1.198	1.116	6.8	105	0.01
12	T	Vinyl acetate	1.724	1.796	-4.2	112	-0.01
13	T	Methylene chloride	0.386	0.397	-2.8	142	0.00
14	T	Acrylonitrile	0.145	0.158	-9.0	112	0.00
15	T	tert-Butyl alcohol (TBA)	0.035	0.040	-14.3	129	-0.01
16	T	trans-1,2-Dichloroethene	0.498	0.468	6.0	105	0.00
17	T	Methyl tert-butyl ether (MT	0.521	0.575	-10.4	129	0.00
18	P	1,1-Dichloroethane	0.999	0.955	4.4	108	0.00
19	T	Diisopropyl ether (DIPE)	1.988	2.009	-1.1	110	-0.01
20	T	cis-1,2-Dichloroethene	0.550	0.545	0.9	108	0.00
21	T	2,2-Dichloropropane	0.329	0.321	2.4	105	-0.01
22	T	2-Butanone (MEK)	0.410	0.404	1.5	114	-0.01
23	T	Bromochloromethane	0.271	0.276	-1.8	112	-0.01
25	C	Chloroform	0.903	0.890	1.4	109	0.00
26	T	1,1,1-Trichloroethane	0.682	0.627	8.1	104	0.00
27	T	Carbon tetrachloride	0.602	0.590	2.0	108	0.00
28	T	1,1-Dichloropropene	0.677	0.606	10.5	101	-0.01
29	T	1,2-Dichloroethane (EDC)	0.765	0.769	-0.5	112	0.00
30	S	1,2-Dichloroethane-d4	0.594	0.593	0.2	111	0.00
31	I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
32	M	Benzene	1.247	1.200	3.8	107	-0.01
33	M	Trichloroethene	0.333	0.316	5.1	106	0.00
34	C	1,2-Dichloropropane	0.348	0.350	-0.6	110	0.00
35	T	Dibromomethane	0.180	0.189	-5.0	114	0.00
37	T	Bromodichloromethane	0.409	0.440	-7.6	115	0.00
38	T	2-Chloroethyl vinyl ether	0.002	0.001	15.0	129	0.00
39	T	cis-1,3-Dichloropropene	0.483	0.529	-9.5	112	0.00
40	T	4-Methyl-2-pentanone (MIBK)	0.531	0.543	-2.3	116	0.00
41	S	Toluene-d8	1.110	1.117	-0.6	108	-0.01
42	MC	Toluene	0.803	0.764	4.9	107	0.00
43	T	trans-1,3-Dichloropropene	0.477	0.473	0.8	115	0.00
44	T	1,1,2-Trichloroethane	0.222	0.224	-0.9	113	0.00
45	T	Tetrachloroethene	0.313	0.289	7.7	102	0.00
46	T	1,3-Dichloropropane	0.480	0.479	0.2	113	-0.01

47	T	2-Hexanone	0.404	0.431	-6.7	117	-0.01
48	T	Dibromochloromethane	0.285	0.336	-17.9	121	0.00
49	T	1,2-Dibromoethane (EDB)	0.290	0.299	-3.1	114	0.00
50	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
51	MP	Chlorobenzene	1.043	0.966	7.4	108	0.00
52	T	1,1,1,2-Tetrachloroethane	0.334	0.347	-3.9	115	0.00
53	C	Ethylbenzene	1.577	1.481	6.1	107	0.00
54	T	m,p-Xylene	0.648	0.593	8.5	106	-0.01
55	T	o-Xylene	0.641	0.606	5.5	107	0.00
56	T	Styrene	1.108	1.061	4.2	109	0.00
57	P	Bromoform	0.130	0.145	-11.5	98	0.00
58	T	Isopropylbenzene	1.637	1.541	5.9	105	0.00
59	S	Bromofluorobenzene	0.571	0.579	-1.4	112	0.00
60	P	1,1,2,2-Tetrachloroethane	0.351	0.341	2.8	114	0.00
61	T	Bromobenzene	0.428	0.402	6.1	109	0.00
62	T	1,2,3-Trichloropropane	0.322	0.312	3.1	113	0.00
63	T	n-Propylbenzene	1.779	1.657	6.9	106	0.00
64	T	2-Chlorotoluene	1.222	1.081	11.5	109	0.00
65	T	1,3,5-Trimethylbenzene	1.422	1.358	4.5	107	0.00
66	T	4-Chlorotoluene	1.375	1.285	6.5	109	0.00
67	T	tert-Butylbenzene	1.090	0.990	9.2	106	0.00
68	T	1,2,4-Trimethylbenzene	1.524	1.459	4.3	108	0.00
69	T	sec-Butylbenzene	1.672	1.533	8.3	104	0.00
70	T	1,3-Dichlorobenzene	0.834	0.785	5.9	110	0.00
71	T	4-Isopropyltoluene	1.388	1.306	5.9	106	0.00
72	T	1,4-Dichlorobenzene	0.881	0.830	5.8	110	0.00
73	T	n-Butylbenzene	0.596	0.552	7.4	107	0.00
74	T	1,2-Dichlorobenzene	0.806	0.753	6.6	110	0.00
75	T	1,2-Dibromo-3-chloropropane	0.054	0.065	-20.4	123	0.00
76	T	1,2,4-Trichlorobenzene	0.359	0.365	-1.7	111	0.00
77	T	Hexachlorobutadiene	0.152	0.129	15.1	103	0.00
78	T	Naphthalene	0.939	1.028	-9.5	120	0.00
79	T	1,2,3-Trichlorobenzene	0.301	0.313	-4.0	115	0.00
80	T	1,1,2-Trichloro-1,2,2-trifl	0.207	0.163	21.3	92	0.00
81	T	Methyl acetate	0.148	0.148	0.0	116	-0.01
82	T	Cyclohexane	0.585	0.449	23.2	87	0.04
83	T	Methylcyclohexane	0.422	0.331	21.6	89	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

J2411.D JAW0122.M Wed Jan 28 14:43:07 2009 MANAGER

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0434.D Vial: 29
Acq On : 28 Jan 2009 12:29 am Operator: BINXU
Sample : 100PPB,STD-100PPB,A,5ml,100 Inst : MSD_J
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Single Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 35% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	91	0.00
2	T	Dichlorodifluoromethane	0.539	0.483	10.4	81	-0.01
3	P	Chloromethane	0.704	0.740	-5.1	101	0.00
4	C	Vinyl chloride	0.493	0.530	-7.5	103	0.00
5	T	Bromomethane	0.284	0.312	-9.9	107	-0.01
6	T	Chloroethane	0.273	0.304	-11.4	107	-0.02
7	T	Trichlorofluoromethane	0.584	0.604	-3.4	96	0.01
8	T	Acrolein	0.013	0.009	30.8	67	0.00
9	MC	1,1-Dichloroethene	0.352	0.373	-6.0	103	0.01
10	T	Acetone	0.225	0.172	23.6	78	0.00
11	T	Carbon disulfide	1.198	1.301	-8.6	104	0.01
12	T	Vinyl acetate	1.724	1.569	9.0	84	-0.01
13	T	Methylene chloride	0.386	0.409	-6.0	126	0.00
14	T	Acrylonitrile	0.145	0.138	4.8	83	0.00
15	T	tert-Butyl alcohol (TBA)	0.035	0.031	11.4	86	-0.01
16	T	trans-1,2-Dichloroethene	0.498	0.509	-2.2	98	0.00
17	T	Methyl tert-butyl ether (MT	0.521	0.402	22.8	77	0.00
18	P	1,1-Dichloroethane	0.999	0.999	0.0	97	0.00
19	T	Diisopropyl ether (DIPE)	1.988	1.929	3.0	90	0.00
20	T	cis-1,2-Dichloroethene	0.550	0.571	-3.8	97	0.00
21	T	2,2-Dichloropropane	0.329	0.312	5.2	87	0.00
22	T	2-Butanone (MEK)	0.410	0.300	26.8	73	0.00
23	T	Bromochloromethane	0.271	0.264	2.6	92	0.00
25	C	Chloroform	0.903	0.922	-2.1	96	0.00
26	T	1,1,1-Trichloroethane	0.682	0.713	-4.5	101	0.00
27	T	Carbon tetrachloride	0.602	0.649	-7.8	102	0.00
28	T	1,1-Dichloropropene	0.677	0.685	-1.2	98	0.00
29	T	1,2-Dichloroethane (EDC)	0.765	0.734	4.1	92	0.00
30	S	1,2-Dichloroethane-d4	0.594	0.563	5.2	90	0.00
31	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
32	M	Benzene	1.247	1.268	-1.7	96	0.00
33	M	Trichloroethene	0.333	0.346	-3.9	99	0.00
34	C	1,2-Dichloropropane	0.348	0.348	0.0	93	0.00
35	T	Dibromomethane	0.180	0.174	3.3	89	0.00
37	T	Bromodichloromethane	0.409	0.426	-4.2	95	0.00
38	T	2-Chloroethyl vinyl ether	0.002	0.001	34.8	80	0.00
39	T	cis-1,3-Dichloropropene	0.483	0.500	-3.5	90	0.00
40	T	4-Methyl-2-pentanone (MIBK)	0.531	0.418	21.3	76	0.00
41	S	Toluene-d8	1.110	1.118	-0.7	92	-0.01
42	MC	Toluene	0.803	0.819	-2.0	98	0.00
43	T	trans-1,3-Dichloropropene	0.477	0.424	11.1	88	0.00
44	T	1,1,2-Trichloroethane	0.222	0.202	9.0	87	0.00
45	T	Tetrachloroethene	0.313	0.326	-4.2	98	0.00
46	T	1,3-Dichloropropane	0.480	0.435	9.4	87	-0.01

47	T	2-Hexanone	0.404	0.322	20.3	75	-0.01
48	T	Dibromochloromethane	0.285	0.305	-7.0	93	0.00
49	T	1,2-Dibromoethane (EDB)	0.290	0.269	7.2	87	0.00
50	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
51	MP	Chlorobenzene	1.043	1.021	2.1	97	0.00
52	T	1,1,1,2-Tetrachloroethane	0.334	0.349	-4.5	98	0.00
53	C	Ethylbenzene	1.577	1.632	-3.5	100	0.00
54	T	m,p-Xylene	0.648	0.639	1.4	97	-0.01
55	T	o-Xylene	0.641	0.637	0.6	95	0.00
56	T	Styrene	1.108	1.129	-1.9	98	0.00
57	P	Bromoform	0.130	0.160	-23.1	92	0.00
58	T	Isopropylbenzene	1.637	1.736	-6.0	101	0.00
59	S	Bromofluorobenzene	0.571	0.577	-1.1	95	0.00
60	P	1,1,2,2-Tetrachloroethane	0.351	0.341	2.8	97	0.00
61	T	Bromobenzene	0.428	0.421	1.6	97	-0.01
62	T	1,2,3-Trichloropropane	0.322	0.275	14.6	84	0.00
63	T	n-Propylbenzene	1.779	1.856	-4.3	101	0.00
64	T	2-Chlorotoluene	1.222	1.184	3.1	101	0.00
65	T	1,3,5-Trimethylbenzene	1.422	1.518	-6.8	101	0.00
66	T	4-Chlorotoluene	1.375	1.400	-1.8	101	-0.01
67	T	tert-Butylbenzene	1.090	1.109	-1.7	100	0.00
68	T	1,2,4-Trimethylbenzene	1.524	1.621	-6.4	102	0.00
69	T	sec-Butylbenzene	1.672	1.785	-6.8	103	-0.01
70	T	1,3-Dichlorobenzene	0.834	0.850	-1.9	101	0.00
71	T	4-Isopropyltoluene	1.388	1.508	-8.6	103	0.00
72	T	1,4-Dichlorobenzene	0.881	0.881	0.0	99	0.00
73	T	n-Butylbenzene	0.596	0.631	-5.9	103	0.00
74	T	1,2-Dichlorobenzene	0.806	0.776	3.7	96	0.00
75	T	1,2-Dibromo-3-chloropropane	0.054	0.049	9.3	78	0.00
76	T	1,2,4-Trichlorobenzene	0.359	0.363	-1.1	93	0.00
77	T	Hexachlorobutadiene	0.152	0.149	2.0	101	0.00
78	T	Naphthalene	0.939	0.792	15.7	78	0.00
79	T	1,2,3-Trichlorobenzene	0.301	0.279	7.3	87	0.00
80	T	1,1,2-Trichloro-1,2,2-trifl	0.207	0.170	17.9	81	0.00
81	T	Methyl acetate	0.148	0.124	16.2	82	-0.01
82	T	Cyclohexane	0.585	0.498	14.9	81	0.04
83	T	Methylcyclohexane	0.422	0.354	16.1	80	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

J2411.D JAW0122.M Wed Jan 28 14:50:24 2009 MANAGER

VOLATILE SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 01/27/2009

Lab Sample ID	Matrix	File ID	SMC1 #	SMC2 #	SMC3 #
METHOD-BLK	AQUEOUS	J0410.D	106	100	99
00688-002	AQUEOUS	J0411.D	105	100	100
00688-001	AQUEOUS	J0412.D	104	101	99
BLK-SPK	AQUEOUS	J0413.D	99	101	101
00766-001	AQUEOUS	J0414.D	104	100	100
00687-004	AQUEOUS	J0416.D	104	100	100
WATER-MS	AQUEOUS	J0417.D	104	99	98
WATER-MSD	AQUEOUS	J0418.D	107	100	99
00687-002	AQUEOUS	J0419.D	107	101	98
00687-003	AQUEOUS	J0420.D	108	100	98
00687-005	AQUEOUS	J0421.D	106	100	98
00687-006	AQUEOUS	J0422.D	107	100	97
00687-007	AQUEOUS	J0423.D	106	100	97
00766-002	AQUEOUS	J0424.D	106	101	96
00766-003	AQUEOUS	J0425.D	103	101	96
00766-004	AQUEOUS	J0426.D	107	101	97
00766-005	AQUEOUS	J0427.D	105	101	96
00763-001	AQUEOUS	J0428.D	105	100	96
00763-002	AQUEOUS	J0429.D	105	100	97
00763-003	AQUEOUS	J0430.D	102	101	95
00763-004	AQUEOUS	J0431.D	103	102	97

	Concentration	Aqueous/Meoh	Soil
SMC1 = 1,2-Dichloroethane-d4	50 ppb	55-148	47-162
SMC2 = Toluene-d8	50 ppb	50-147	44-158
SMC3 = Bromofluorobenzene	50 ppb	47-145	31-153

Column to be used to flag recovery values

VOLATILE SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 01/28/2009

Lab Sample ID	Matrix	File ID	SMC1 #	SMC2 #	SMC3 #
METHOD-BLK	AQUEOUS	J0437.D	103	100	95
00763-005	AQUEOUS	J0438.D	103	101	95
00763-006	AQUEOUS	J0440.D	105	100	94
00763-007	AQUEOUS	J0441.D	103	101	96
00763-008	AQUEOUS	J0442.D	103	100	95
00763-009	AQUEOUS	J0443.D	105	101	95
00763-010	AQUEOUS	J0444.D	101	100	94
00763-011	AQUEOUS	J0445.D	104	99	92
00763-012	AQUEOUS	J0446.D	103	100	93
MS	AQUEOUS	J0447.D	105	100	95
MSD	AQUEOUS	J0448.D	108	99	97
00763-013	AQUEOUS	J0449.D	109	101	95
00763-014	AQUEOUS	J0450.D	107	101	95
00763-015	AQUEOUS	J0451.D	109	100	95
00763-016	AQUEOUS	J0452.D	110	101	97
00763-017	AQUEOUS	J0453.D	110	102	95
BLK-SPK	AQUEOUS	J0457.D	99	101	97
00687-001	AQUEOUS	J0458.D	107	99	97

	Concentration	Aqueous/Meoh	Soil
SMC1 = 1,2-Dichloroethane-d4	50 ppb	55-148	47-162
SMC2 = Toluene-d8	50 ppb	50-147	44-158
SMC3 = Bromofluorobenzene	50 ppb	47-145	31-153

Column to be used to flag recovery values

AQUEOUS VOLATILE MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: MSD

Batch No.: JAW0127P

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	0.0	44.1	88	34 - 149
Benzene	50.0	0.0	53.8	108	45 - 136
Trichloroethene	50.0	0.0	53.5	107	40 - 147
Toluene	50.0	0.0	55.1	110	43 - 137
Chlorobenzene	50.0	0.0	52.7	105	45 - 144

Compound	SAMPLE CONC. (ug/L)	MSD CONC. (ug/L)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	0.0	41.8	84	5	19	34 - 149
Benzene	0.0	50.5	101	7	15	45 - 136
Trichloroethene	0.0	50.4	101	6	18	40 - 147
Toluene	0.0	51.9	104	6	16	43 - 137
Chlorobenzene	0.0	50.3	101	4	16	45 - 144

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __0___ out of __5__ outside limits

Spike Recovery: __0___ out of __10__ outside limits

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): J0360.D

Date Analyzed: 01/22/2009

Instrument ID: MSD_J

Time Analyzed: 2:24

	50UG/L	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
	12 HOUR STD	387727	6.17	609798	6.99	583846	10.33
	UPPER LIMIT	775454	6.67	1219596	7.49	1167692	10.83
	LOWER LIMIT	193863.5	5.67	304899	6.49	291923	9.83
	LAB SAMPLE ID						
01	STD-20PPB	376150	6.17	599103	6.99	578399	10.33
02	STD-5PPB	329954	6.17	529946	6.99	519882	10.33
03	STD-200PPB	376093	6.17	606071	6.99	588697	10.33
04	STD-150PPB	358688	6.17	579495	6.99	568575	10.33
05	STD-1PPB	378165	6.17	609745	6.99	596201	10.33
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 = PENTAFLUOROBENZENE
IS2 = 1,4-DIFLUOROBENZENE
IS3 = CHLOROBENZENE-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk
* Values outside of QC limits.

FORM 8

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): J0408.D

Date Analyzed: 01/27/2009

Instrument ID: MSD_J

Time Analyzed: 1:02

	50UG/L	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
	12 HOUR STD	411415	6.17	653252	6.99	646531	10.33
	UPPER LIMIT	822830	6.67	1306504	7.49	1293062	10.83
	LOWER LIMIT	205707.5	5.67	326626	6.49	323265.5	9.83
	LAB SAMPLE ID						
01	METHOD-BLK	383811	6.17	611239	6.99	615234	10.33
02	00688-002	378907	6.17	603008	6.99	601814	10.33
03	00688-001	389665	6.17	619971	6.99	621552	10.33
04	BLK-SPK	375045	6.17	592232	6.99	583834	10.33
05	00766-001	374988	6.17	600091	6.99	600707	10.33
06	00687-004	375619	6.17	598892	6.99	590118	10.33
07	WATER-MS	380332	6.17	610757	6.99	603577	10.33
08	WATER-MSD	374614	6.17	606552	6.99	597130	10.33
09	00687-002	335244	6.17	543050	6.99	548954	10.33
10	00687-003	367595	6.17	594549	6.99	602043	10.33
11	00687-005	371374	6.17	597701	6.99	605083	10.33
12	00687-006	352204	6.17	571931	6.99	583254	10.33
13	00687-007	367498	6.17	594811	6.99	601269	10.33
14	00766-002	366367	6.17	587788	6.99	595963	10.33
15	00766-003	371449	6.17	590339	6.99	600401	10.33
16	00766-004	359270	6.17	581931	6.99	587165	10.33
17	00766-005	366585	6.17	583020	6.99	594069	10.33
18	00763-001	360572	6.17	580126	6.99	587140	10.33
19	00763-002	357696	6.17	572177	6.99	577079	10.33
20	00763-003	357830	6.17	568079	6.99	580703	10.33
21	00763-004	347624	6.17	556464	6.99	566655	10.33
22							

IS1 = PENTAFLUOROBENZENE
IS2 = 1,4-DIFLUOROBENZENE
IS3 = CHLOROBENZENE-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk
* Values outside of QC limits.

FORM 8

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): J0434.D Date Analyzed: 01/28/2009

Instrument ID: MSD_J Time Analyzed: 12:29

	50UG/L	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
	12 HOUR STD	351905	6.17	555726	6.99	547539	10.33
	UPPER LIMIT	703810	6.67	1111452	7.49	1095078	10.83
	LOWER LIMIT	175952.5	5.67	277863	6.49	273769.5	9.83
	LAB SAMPLE ID						
01	METHOD-BLK	343923	6.17	552447	6.99	566865	10.33
02	00763-005	286567	6.17	454457	6.99	455788	10.33
03	00763-006	309681	6.17	494638	6.99	506442	10.33
04	00763-007	343306	6.17	552268	6.99	559226	10.33
05	00763-008	333861	6.17	537231	6.99	551763	10.33
06	00763-009	336222	6.17	544711	6.99	555460	10.33
07	00763-010	344977	6.17	547343	6.99	556583	10.33
08	00763-011	302334	6.17	483937	6.99	496635	10.33
09	00763-012	336517	6.17	541366	6.99	552033	10.33
10	MS	308652	6.17	496015	6.99	501022	10.33
11	MSD	332480	6.17	541829	6.99	538023	10.33
12	00763-013	319126	6.17	509186	6.99	524157	10.33
13	00763-014	329723	6.17	527189	6.99	542768	10.33
14	00763-015	322485	6.17	521179	6.99	538227	10.33
15	00763-016	319715	6.17	519684	6.99	537972	10.33
16	00763-017	304566	6.17	491036	6.99	509057	10.33
17	BLK-SPK	321653	6.17	501027	6.99	507236	10.33
18	00687-001	318516	6.17	511961	6.99	510509	10.33
19							
20							
21							
22							

IS1 = PENTAFLUOROBENZENE
IS2 = 1,4-DIFLUOROBENZENE
IS3 = CHLOROBENZENE-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk
* Values outside of QC limits.

FORM 8

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0428.D Vial: 23
Acq On : 27 Jan 2009 9:54 pm Operator: BINXU
Sample : MW-HP-2D,00763-001,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/20/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:43 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

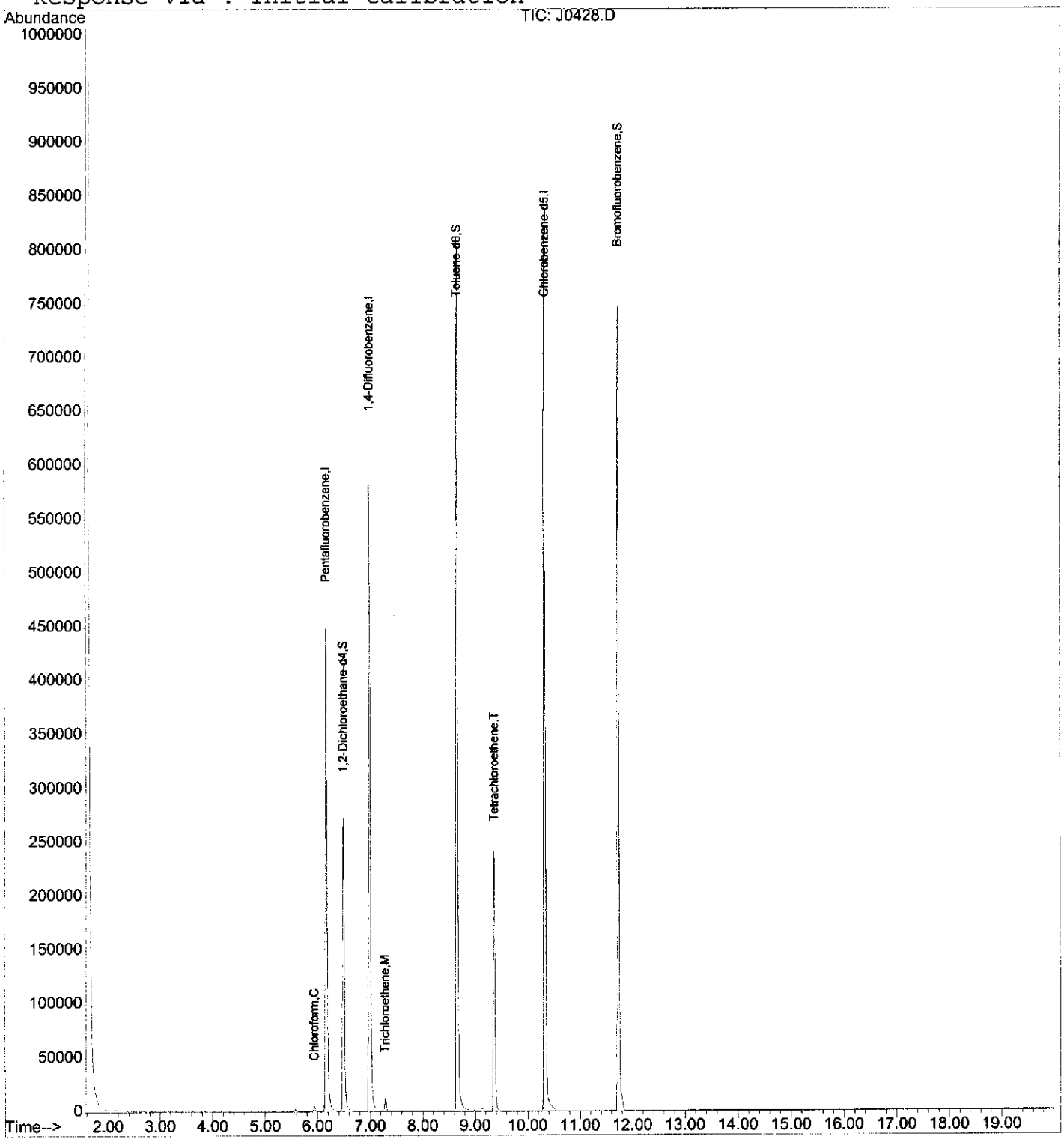
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	360572	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	580126	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	587140	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	224493	52.36	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 104.72%			
41) Toluene-d8	8.65	98	644911	50.06	UG	-0.01
Spiked Amount 50.000	Range 39 - 137		Recovery = 100.12%			
59) Bromofluorobenzene	11.73	95	321886	48.01	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 96.02%			
Target Compounds						Qvalue
25) Chloroform	5.94	83	4803	0.74	UG	98
33) Trichloroethene	7.29	95	4865	1.26	UG	93
45) Tetrachloroethene	9.37	166	83658	23.01	UG	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0428.D Vial: 23
Acq On : 27 Jan 2009 9:54 pm Operator: BINXU
Sample : MW-HP-2D,00763-001,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/20/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:29 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0429.D Vial: 24
Acq On : 27 Jan 2009 10:20 pm Operator: BINXU
Sample : MW-HP-2S,00763-002,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/20/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:43 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

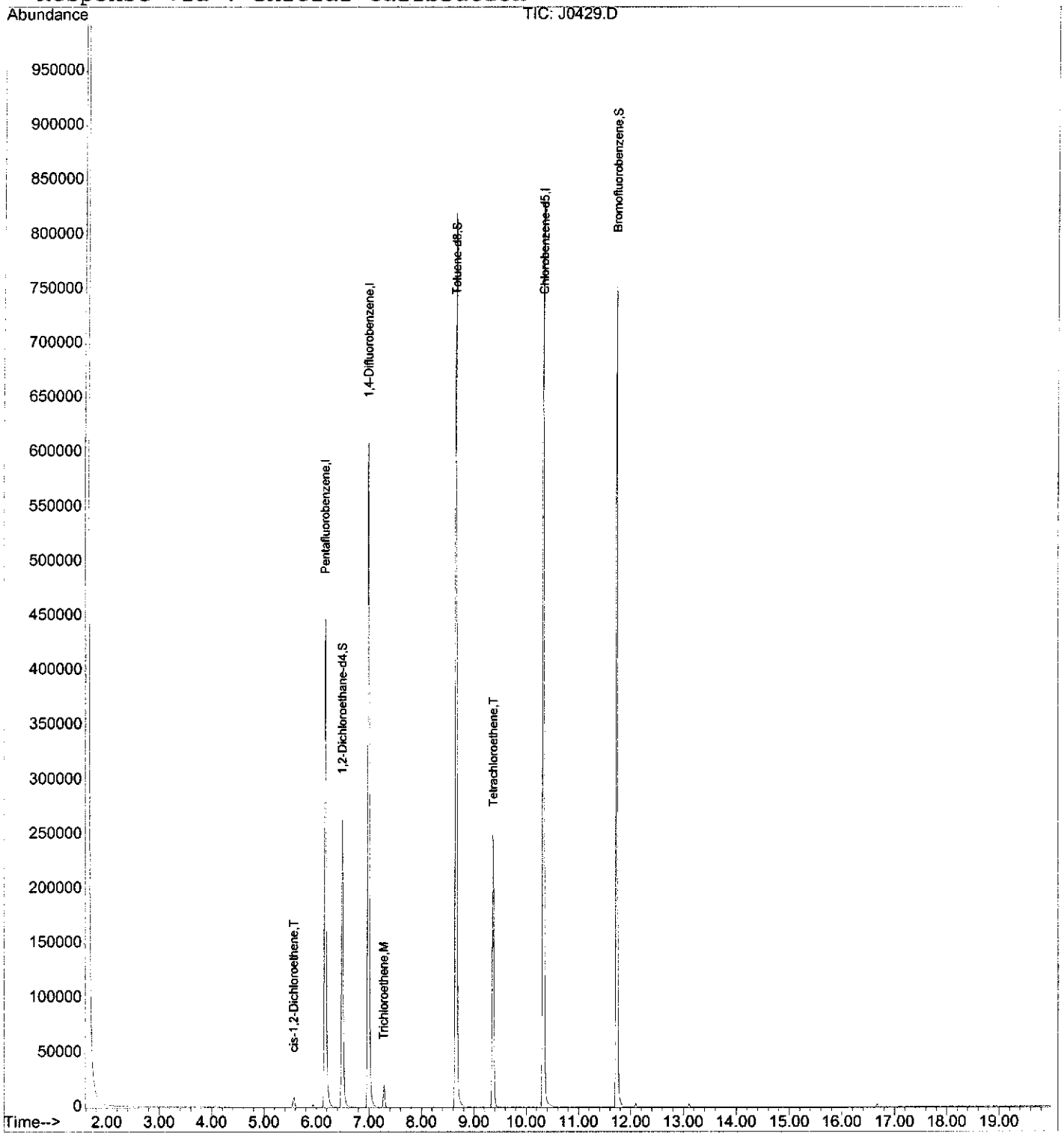
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	357696	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	572177	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	577079	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	222732	52.37	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 104.74%			
41) Toluene-d8	8.65	98	634953	49.98	UG	-0.01
Spiked Amount 50.000	Range 39 - 137		Recovery = 99.96%			
59) Bromofluorobenzene	11.73	95	319242	48.45	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 96.90%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	5.57	96	4669	1.19	UG	# 39
33) Trichloroethene	7.29	95	7392	1.94	UG	90
45) Tetrachloroethene	9.37	166	86415	24.09	UG	# 68

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0429.D Vial: 24
Acq On : 27 Jan 2009 10:20 pm Operator: BINXU
Sample : MW-HP-2S,00763-002,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/20/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:29 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0430.D Vial: 25
Acq On : 27 Jan 2009 10:46 pm Operator: BINXU
Sample : OS-MW-3PL,00763-003,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/20/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:44 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

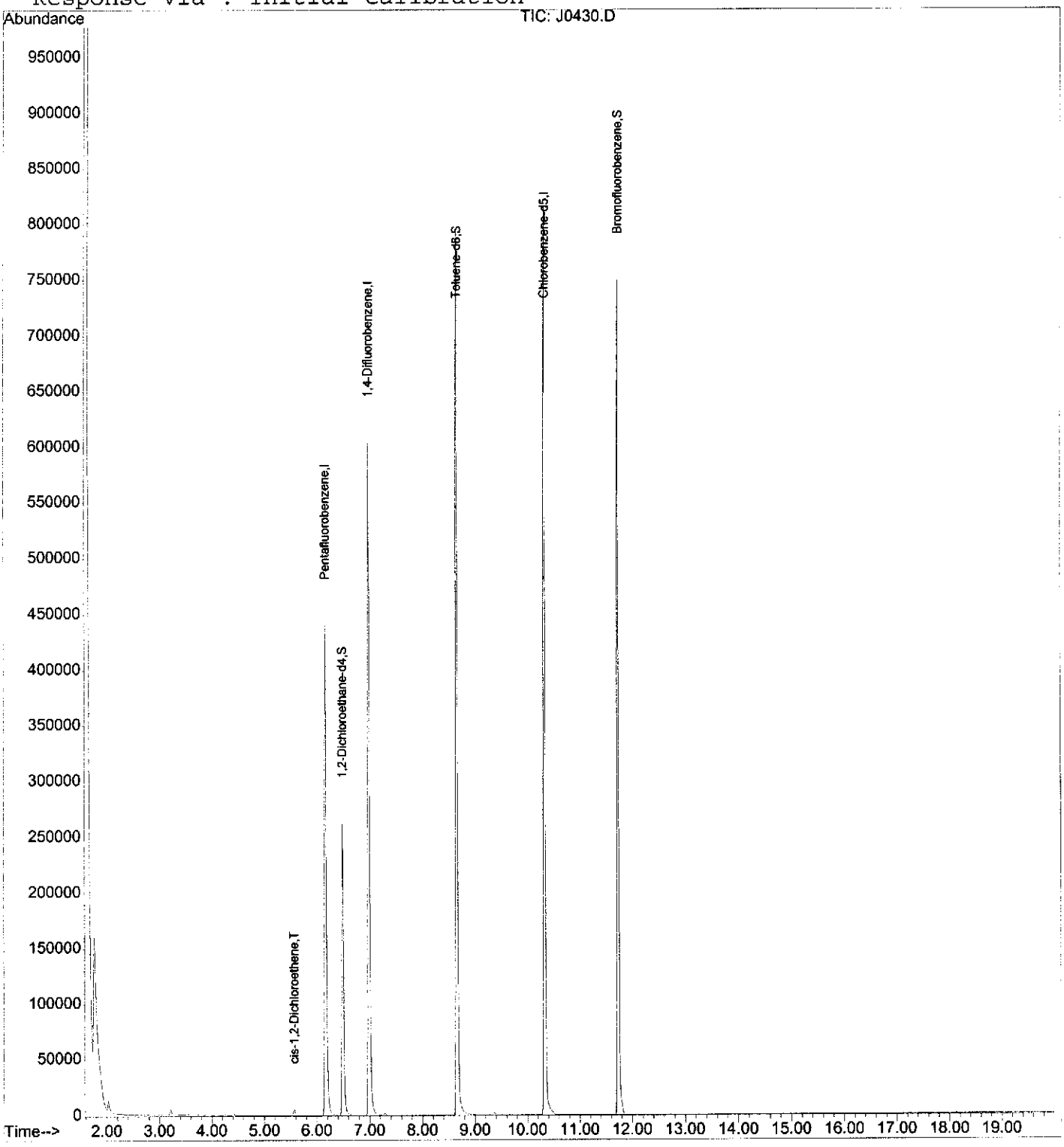
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	357830	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	568079	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	580703	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	217758	51.18	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 102.36%			
41) Toluene-d8	8.66	98	635769	50.40	UG	0.00
Spiked Amount 50.000	Range 39 - 137		Recovery = 100.80%			
59) Bromofluorobenzene	11.73	95	313821	47.33	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 94.66%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	5.57	96	2657	0.67	UG	# 39

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0430.D Vial: 25
Acq On : 27 Jan 2009 10:46 pm Operator: BINXU
Sample : OS-MW-3PL,00763-003,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/20/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:30 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0431.D Vial: 26
Acq On : 27 Jan 2009 11:12 pm Operator: BINXU
Sample : MW-6S,00763-004,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/20/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:44 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

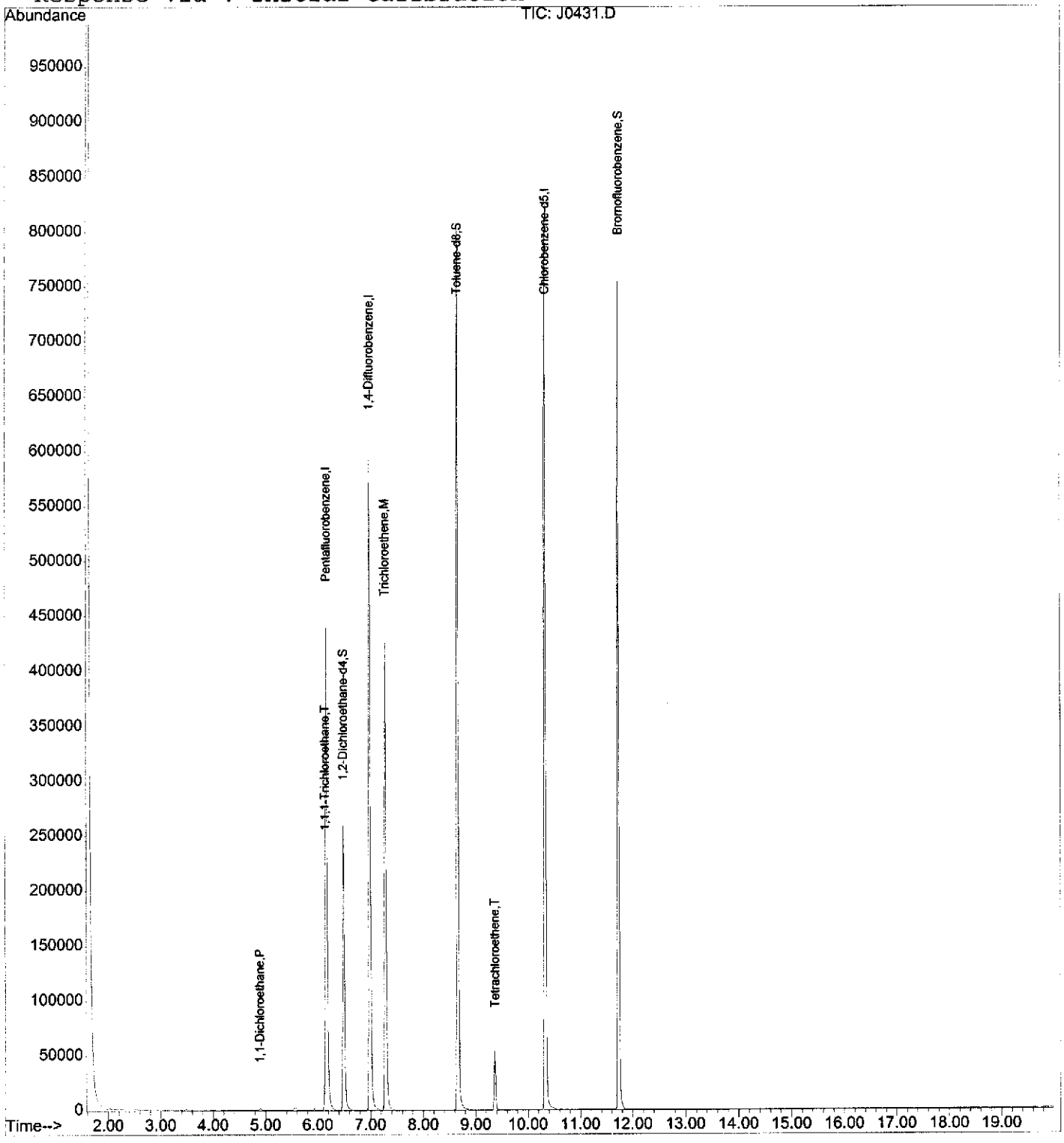
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	347624	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	556464	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	566655	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	213834	51.74	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 103.48%			
41) Toluene-d8	8.65	98	630842	51.05	UG	-0.01
Spiked Amount 50.000	Range 39 - 137		Recovery = 102.10%			
59) Bromofluorobenzene	11.73	95	312534	48.30	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 96.60%			
Target Compounds						Qvalue
18) 1,1-Dichloroethane	4.90	63	2896	0.42	UG	# 98
26) 1,1,1-Trichloroethane	6.15	97	24147	5.10	UG	# 34
33) Trichloroethene	7.29	95	160772	43.34	UG	93
45) Tetrachloroethene	9.37	166	19355	5.55	UG	# 68

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0431.D Vial: 26
Acq On : 27 Jan 2009 11:12 pm Operator: BINXU
Sample : MW-6S,00763-004,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/20/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:30 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0438.D Vial: 33
Acq On : 28 Jan 2009 2:12 am Operator: BINXU
Sample : OS-MW-1,00763-005,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/21/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:46 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

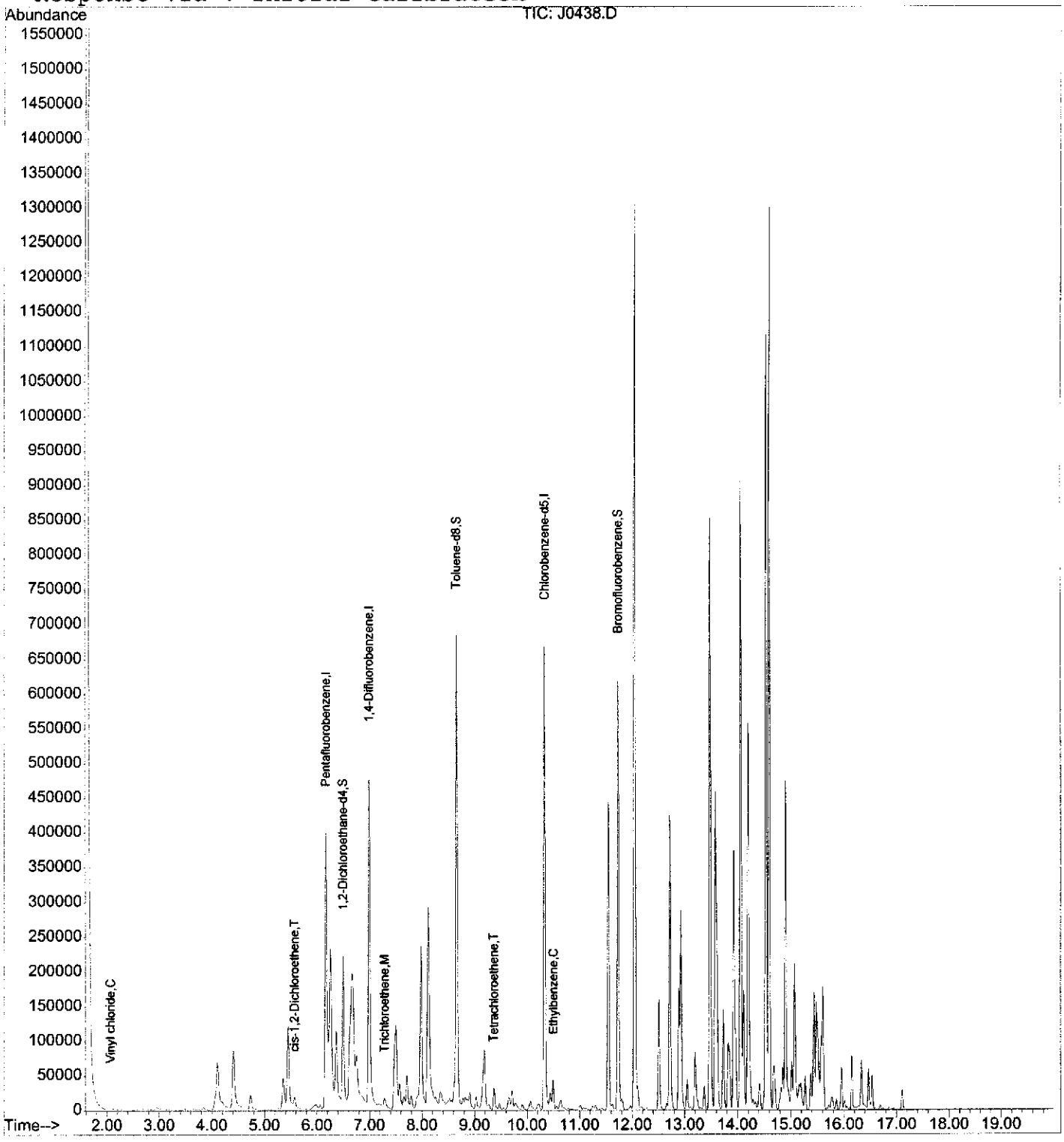
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	6.17	168	286567	50.00	UG		0.00
31) 1,4-Difluorobenzene	6.99	114	454457	50.00	UG		0.00
50) Chlorobenzene-d5	10.33	117	455788	50.00	UG		0.00
System Monitoring Compounds							
30) 1,2-Dichloroethane-d4	6.50	65	175431	51.49	UG		0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 102.98%				
41) Toluene-d8	8.65	98	509996	50.54	UG		-0.01
Spiked Amount 50.000	Range 39 - 137		Recovery = 101.08%				
59) Bromofluorobenzene	11.73	95	246348	47.34	UG		0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 94.68%				
Target Compounds							Qvalue
4) Vinyl chloride	2.07	62	4713	1.67	UG		98
20) cis-1,2-Dichloroethene	5.57	96	6072	1.93	UG	#	40
33) Trichloroethene	7.29	95	4007	1.32	UG	#	91
45) Tetrachloroethene	9.36	166	11635	4.08	UG	#	68
53) Ethylbenzene	10.50	91	32083	2.23	UG		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0438.D Vial: 33
Acq On : 28 Jan 2009 2:12 am Operator: BINXU
Sample : OS-MW-1,00763-005,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/21/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:31 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0440.D Vial: 35
Acq On : 28 Jan 2009 3:04 am Operator: BINXU
Sample : MW-9D,00763-006,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/21/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:47 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	309681	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	494638	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	506442	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	192954	52.40	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 104.80%			
41) Toluene-d8	8.66	98	546493	49.76	UG	0.00
Spiked Amount 50.000	Range 39 - 137		Recovery = 99.52%			
59) Bromofluorobenzene	11.73	95	271315	46.92	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 93.84%			

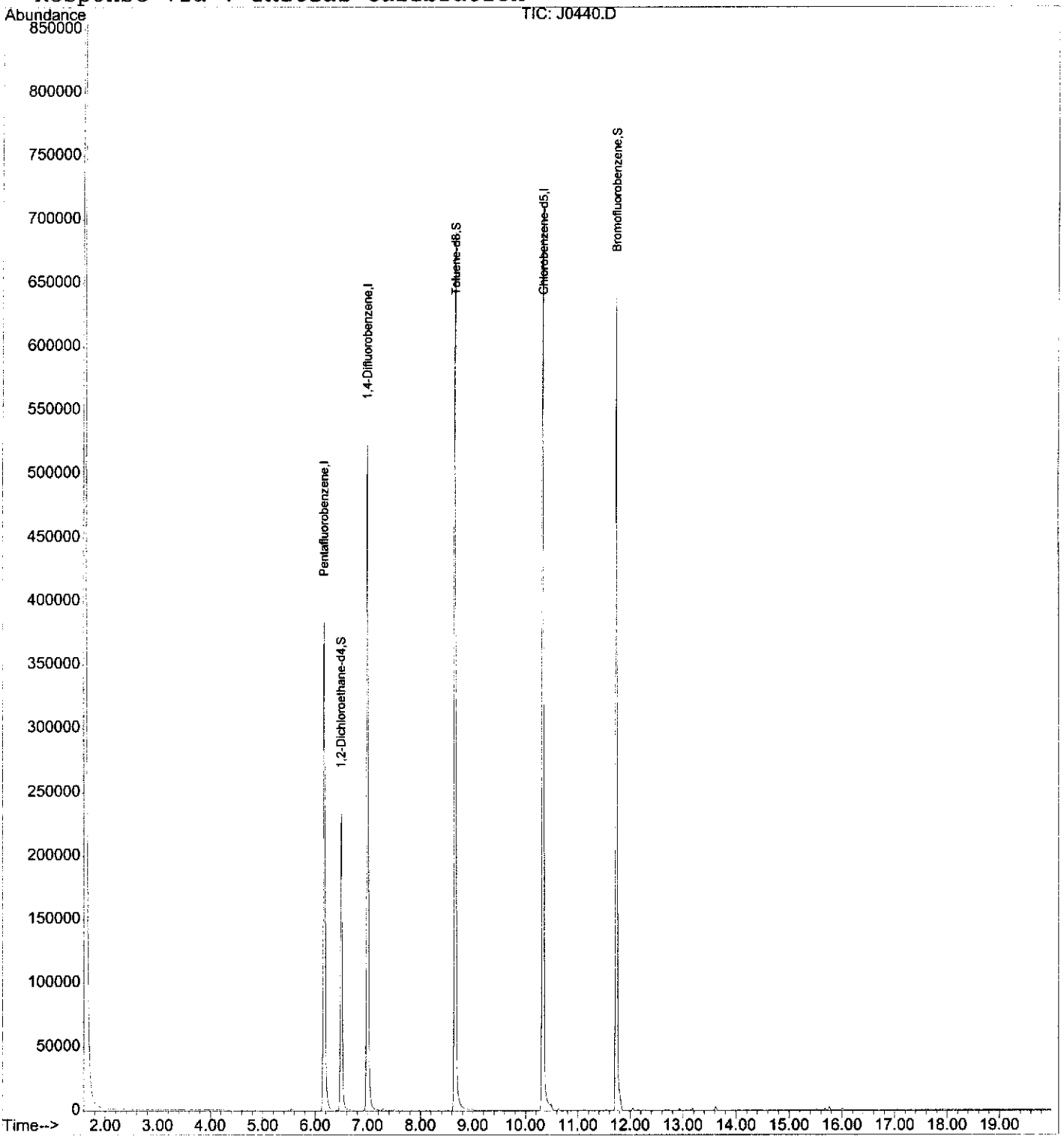
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0440.D Vial: 35
Acq On : 28 Jan 2009 3:04 am Operator: BINXU
Sample : MW-9D,00763-006,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/21/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:32 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0441.D Vial: 36
Acq On : 28 Jan 2009 3:29 am Operator: BINXU
Sample : MW-9S,00763-007,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/21/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:47 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

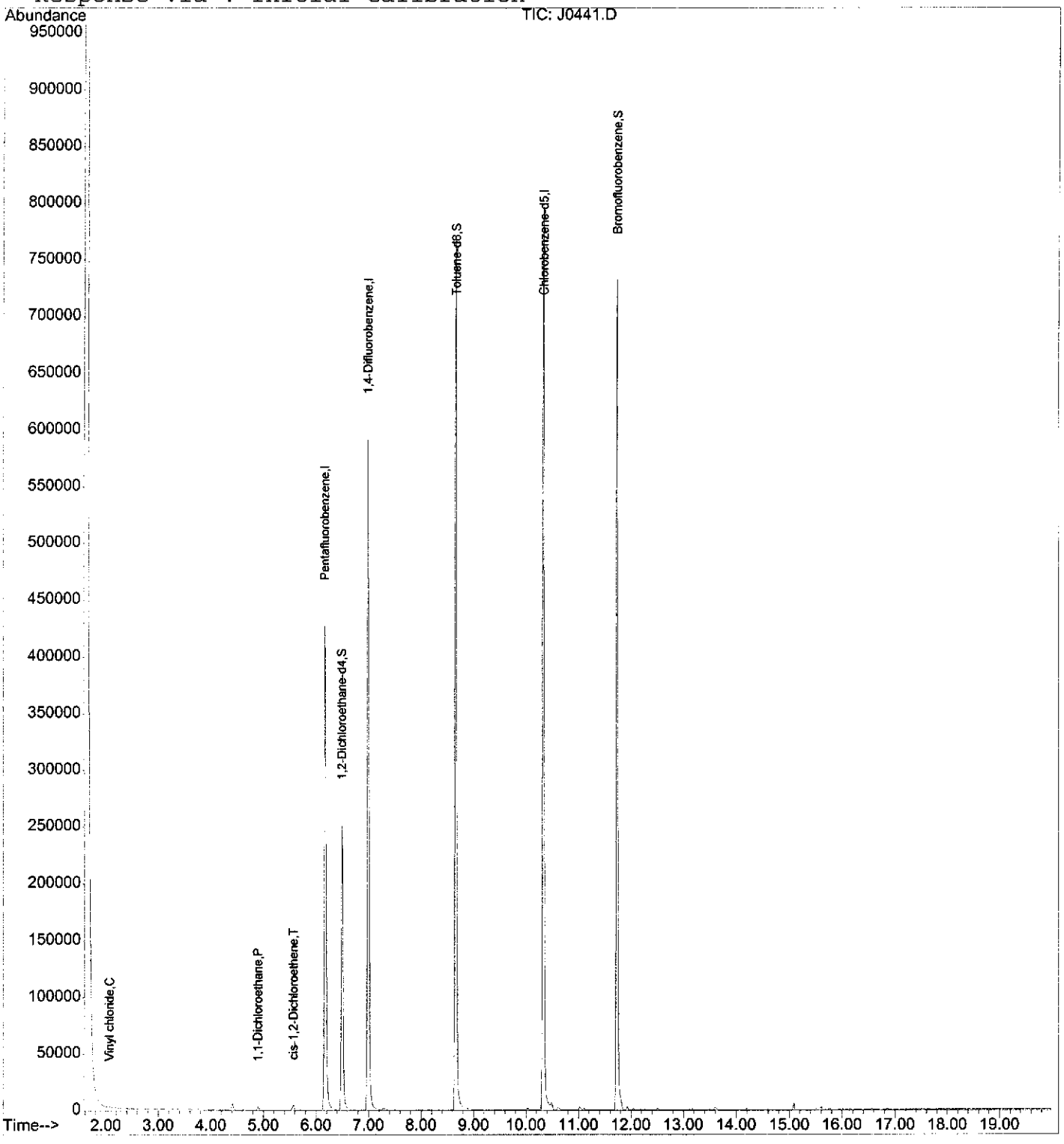
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	343306	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	552268	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	559226	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	210739	51.63	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 103.26%			
41) Toluene-d8	8.66	98	619539	50.52	UG	0.00
Spiked Amount 50.000	Range 39 - 137		Recovery = 101.04%			
59) Bromofluorobenzene	11.73	95	308052	48.24	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 96.48%			
Target Compounds						Qvalue
4) Vinyl chloride	2.07	62	2737	0.81	UG	# 94
18) 1,1-Dichloroethane	4.90	63	3752	0.55	UG	100
20) cis-1,2-Dichloroethene	5.57	96	2418	0.64	UG	# 39

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0441.D Vial: 36
Acq On : 28 Jan 2009 3:29 am Operator: BINXU
Sample : MW-9S,00763-007,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/21/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:32 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0442.D Vial: 37
Acq On : 28 Jan 2009 3:55 am Operator: BINXU
Sample : DUP(012109),00763-008,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/21/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:47 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

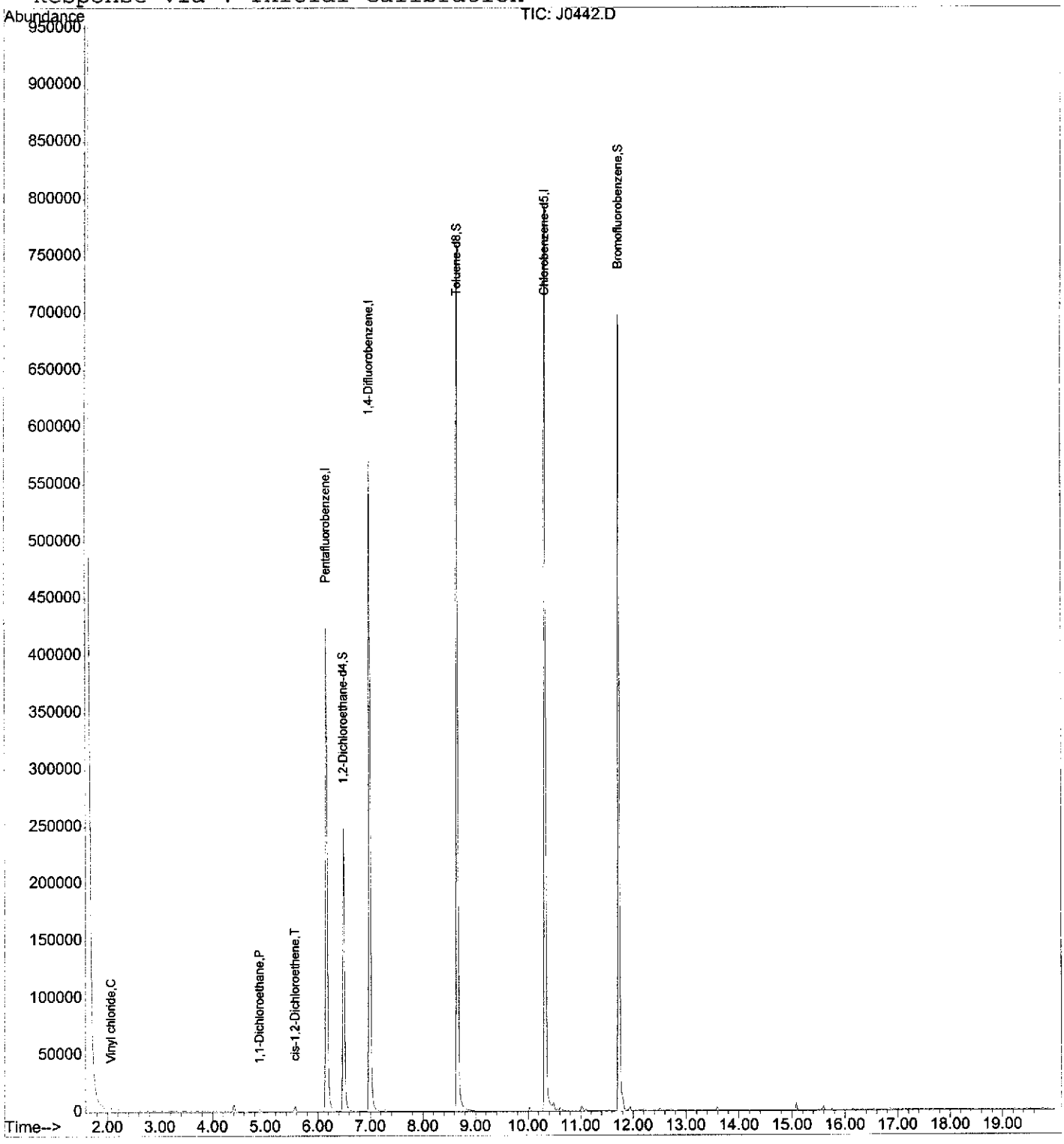
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	333861	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	537231	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	551763	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	204811	51.60	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 103.20%			
41) Toluene-d8	8.66	98	595585	49.93	UG	0.00
Spiked Amount 50.000	Range 39 - 137		Recovery = 99.86%			
59) Bromofluorobenzene	11.73	95	299434	47.53	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 95.06%			
Target Compounds						Qvalue
4) Vinyl chloride	2.07	62	2808	0.85	UG	# 88
18) 1,1-Dichloroethane	4.90	63	4187	0.63	UG	# 86
20) cis-1,2-Dichloroethene	5.57	96	2361	0.64	UG	# 41

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0442.D Vial: 37
Acq On : 28 Jan 2009 3:55 am Operator: BINXU
Sample : DUP(012109),00763-008,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/21/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:33 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0443.D Vial: 38
Acq On : 28 Jan 2009 4:21 am Operator: BINXU
Sample : MW-13,00763-009,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/21/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:47 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

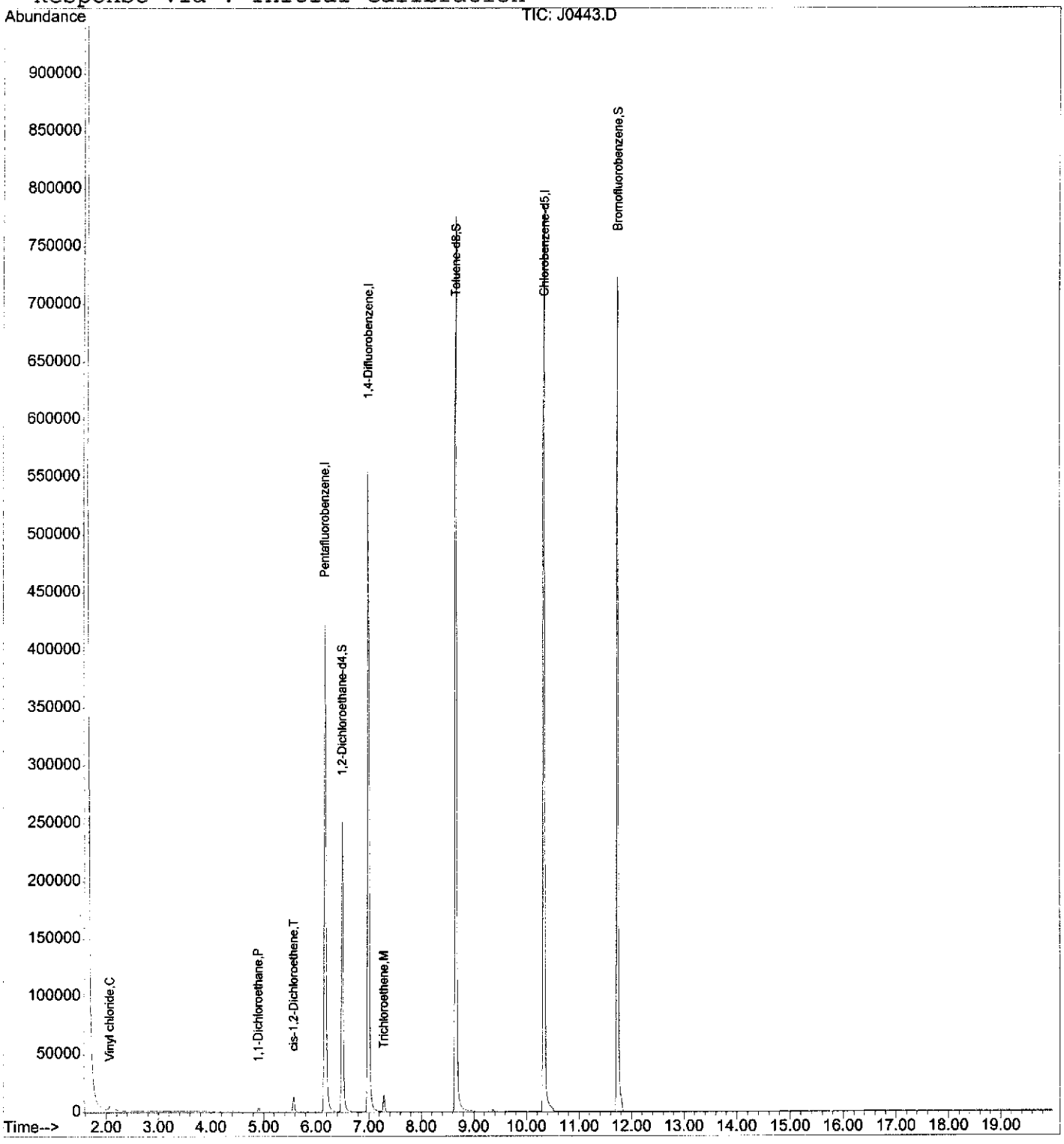
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	6.17	168	336222	50.00	UG		0.00
31) 1,4-Difluorobenzene	6.99	114	544711	50.00	UG		0.00
50) Chlorobenzene-d5	10.33	117	555460	50.00	UG		0.00
System Monitoring Compounds							
30) 1,2-Dichloroethane-d4	6.50	65	208926	52.26	UG		0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 104.52%				
41) Toluene-d8	8.65	98	608479	50.31	UG		0.00
Spiked Amount 50.000	Range 39 - 137		Recovery = 100.62%				
59) Bromofluorobenzene	11.73	95	300164	47.33	UG		0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 94.66%				
Target Compounds							Qvalue
4) Vinyl chloride	2.07	62	9052	2.73	UG		97
18) 1,1-Dichloroethane	4.90	63	5778	0.86	UG	#	86
20) cis-1,2-Dichloroethene	5.57	96	6830	1.85	UG	#	41
33) Trichloroethene	7.29	95	5879	1.62	UG		94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0443.D Vial: 38
Acq On : 28 Jan 2009 4:21 am Operator: BINXU
Sample : MW-13,00763-009,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/21/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:33 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0444.D Vial: 39
Acq On : 28 Jan 2009 4:47 am Operator: BINXU
Sample : OS-MW-2,00763-010,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/22/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:48 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

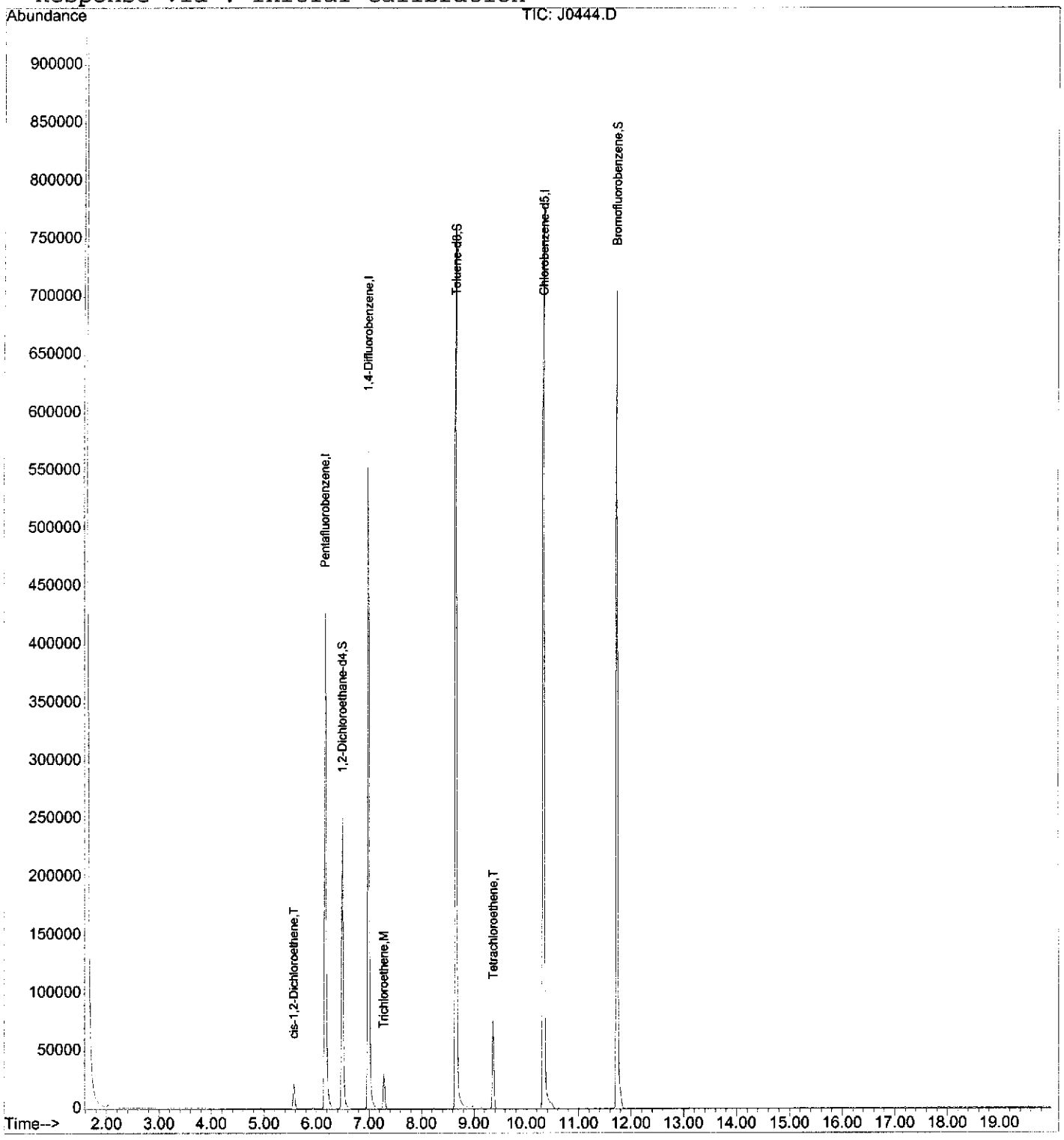
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	344977	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	547343	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	556583	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	207453	50.58	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 101.16%			
41) Toluene-d8	8.66	98	604784	49.76	UG	0.00
Spiked Amount 50.000	Range 39 - 137		Recovery = 99.52%			
59) Bromofluorobenzene	11.73	95	297256	46.77	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 93.54%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	5.57	96	10842	2.86	UG	# 40
33) Trichloroethene	7.29	95	11468	3.14	UG	93
45) Tetrachloroethene	9.37	166	26680	7.78	UG	# 68

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0444.D Vial: 39
Acq On : 28 Jan 2009 4:47 am Operator: BINXU
Sample : OS-MW-2,00763-010,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/22/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:33 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0445.D Vial: 40
Acq On : 28 Jan 2009 5:12 am Operator: BINXU
Sample : GP-103R,00763-011,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/22/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:48 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

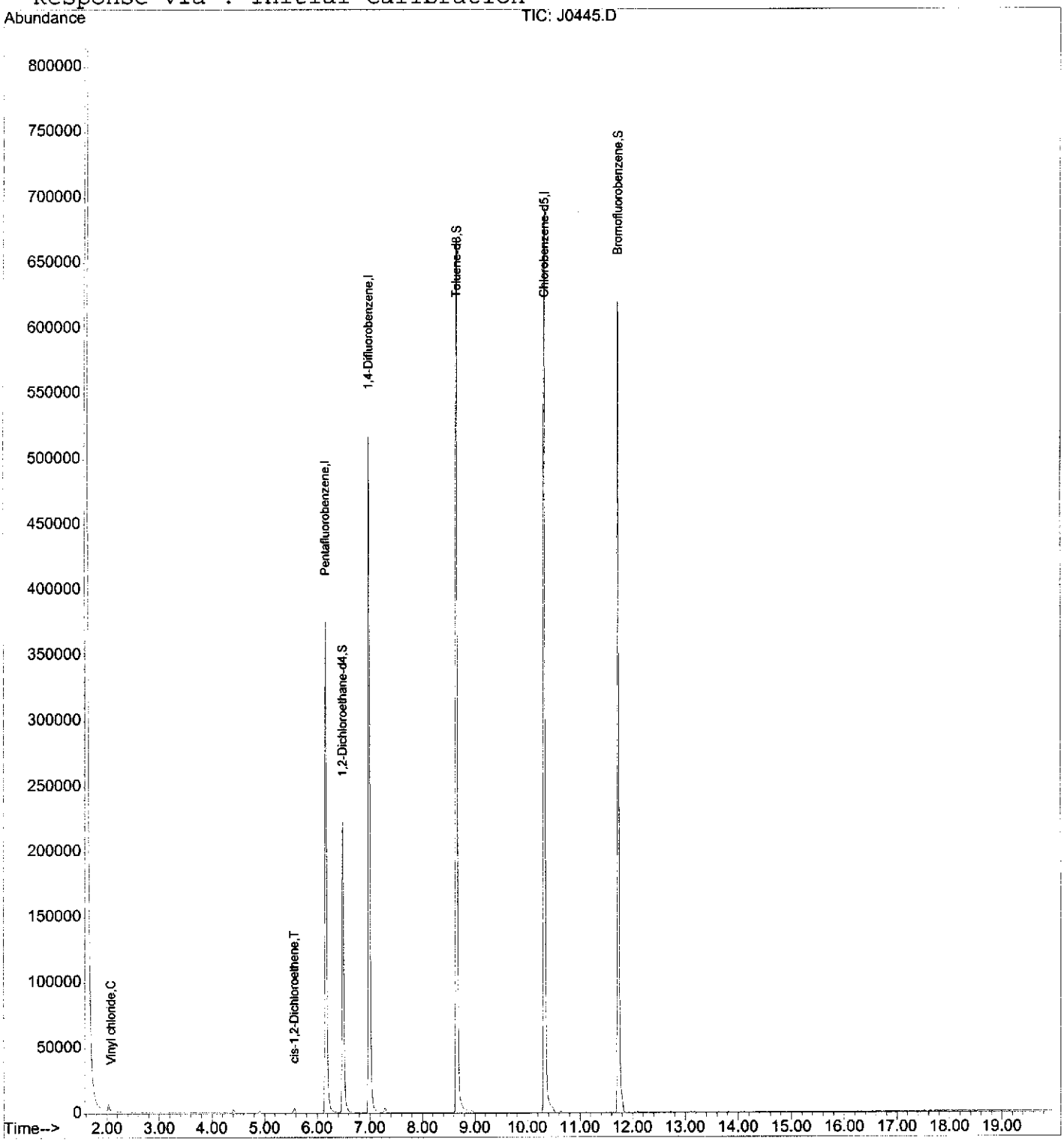
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	302334	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	483937	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	496635	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	187216	52.08	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 104.16%			
41) Toluene-d8	8.66	98	531484	49.46	UG	0.00
Spiked Amount 50.000	Range 39 - 137		Recovery = 98.92%			
59) Bromofluorobenzene	11.73	95	262133	46.23	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 92.46%			
Target Compounds						Qvalue
4) Vinyl chloride	2.08	62	2276	0.76	UG	# 92
20) cis-1,2-Dichloroethene	5.57	96	1927	0.58	UG	# 75

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0445.D Vial: 40
Acq On : 28 Jan 2009 5:12 am Operator: BINXU
Sample : GP-103R,00763-011,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/22/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:34 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0446.D Vial: 41
Acq On : 28 Jan 2009 5:38 am Operator: BINXU
Sample : GP-104R,00763-012,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/22/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:48 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

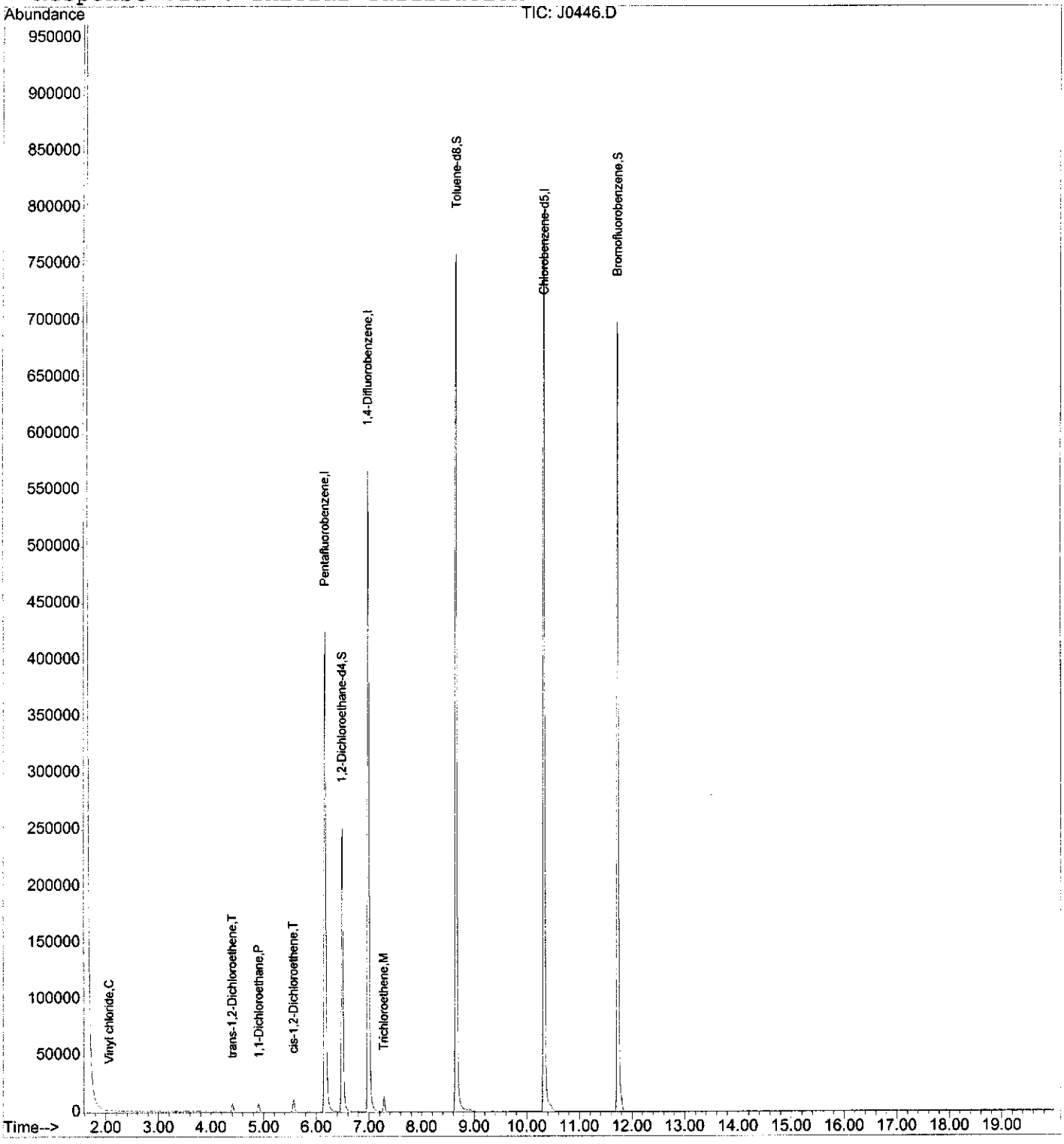
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	336517	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	541366	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	552033	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	205774	51.43	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 102.86%			
41) Toluene-d8	8.66	98	600903	49.99	UG	0.00
Spiked Amount 50.000	Range 39 - 137		Recovery = 99.98%			
59) Bromofluorobenzene	11.73	95	292979	46.48	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 92.96%			
Target Compounds						Qvalue
4) Vinyl chloride	2.07	62	1668	0.50	UG	# 85
16) trans-1,2-Dichloroethene	4.41	96	3975	1.19	UG	# 30
18) 1,1-Dichloroethane	4.91	63	9919	1.48	UG	100
20) cis-1,2-Dichloroethene	5.57	96	5834	1.58	UG	# 41
33) Trichloroethene	7.29	95	5372	1.49	UG	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0446.D Vial: 41
Acq On : 28 Jan 2009 5:38 am Operator: BINXU
Sample : GP-104R,00763-012,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/22/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:34 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0449.D Vial: 44
Acq On : 28 Jan 2009 6:55 am Operator: BINXU
Sample : FB(012009),00763-013,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/20/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:49 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	319126	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	509186	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	524157	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	206165	54.33	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 108.66%			
41) Toluene-d8	8.66	98	570053	50.42	UG	0.00
Spiked Amount 50.000	Range 39 - 137		Recovery = 100.84%			
59) Bromofluorobenzene	11.73	95	284689	47.57	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 95.14%			

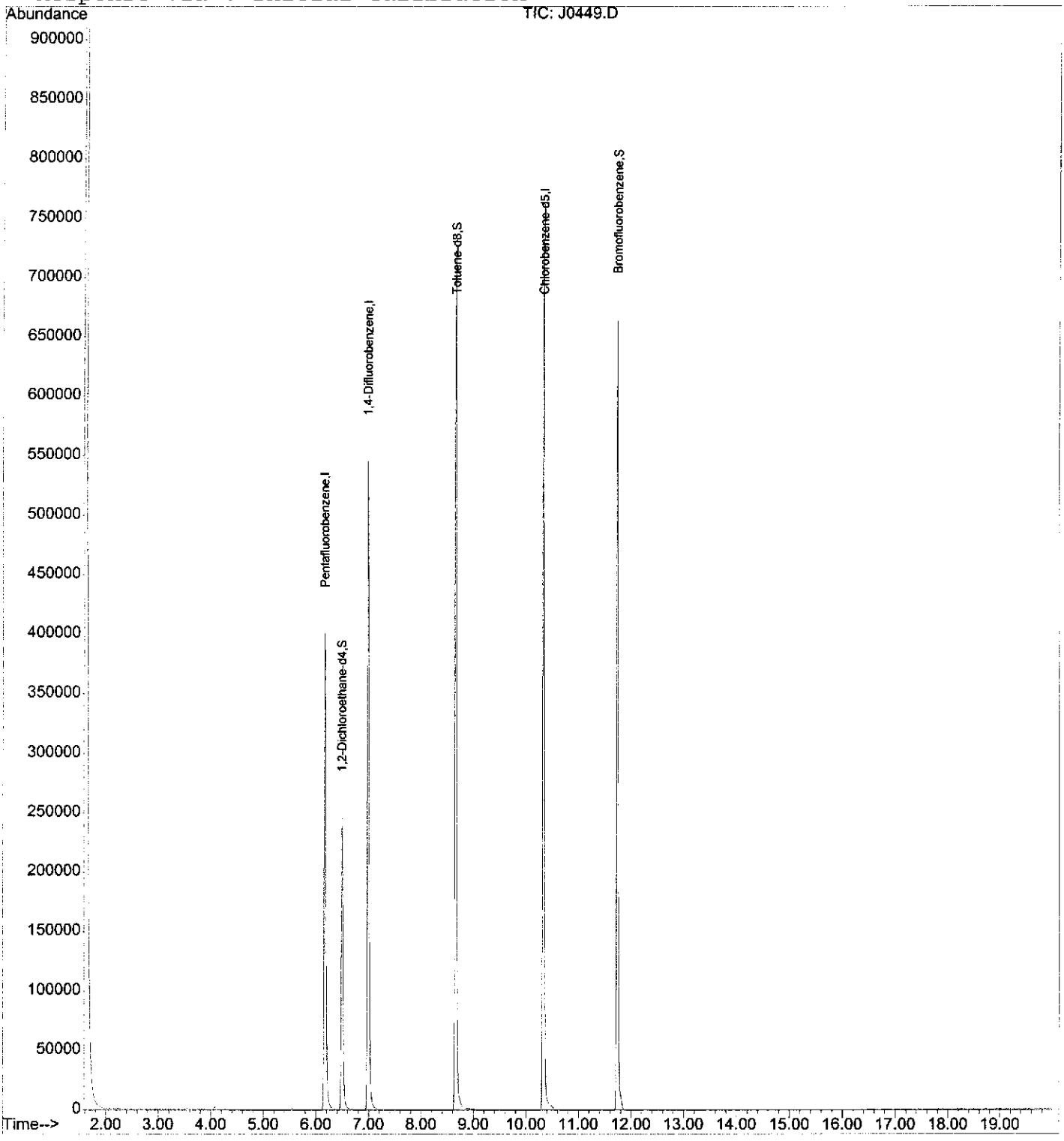
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0449.D Vial: 44
Acq On : 28 Jan 2009 6:55 am Operator: BINXU
Sample : FB(012009),00763-013,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/20/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:35 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0450.D Vial: 45
Acq On : 28 Jan 2009 7:21 am Operator: BINXU
Sample : FB(012109),00763-014,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/21/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:49 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	329723	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	527189	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	542768	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	209067	53.33	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 106.66%			
41) Toluene-d8	8.66	98	588363	50.26	UG	0.00
Spiked Amount 50.000	Range 39 - 137		Recovery = 100.52%			
59) Bromofluorobenzene	11.73	95	293571	47.37	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 94.74%			

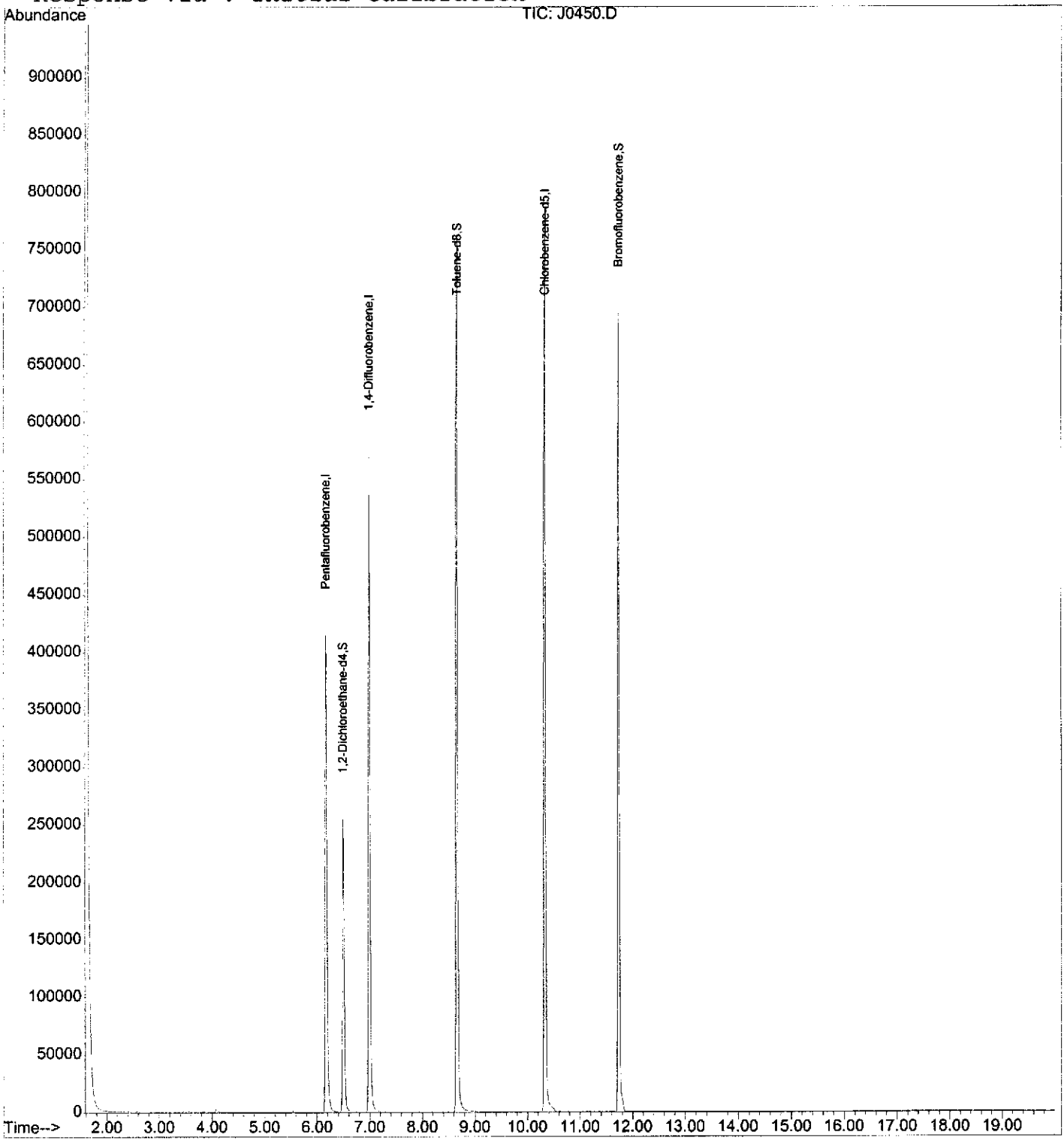
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0450.D Vial: 45
Acq On : 28 Jan 2009 7:21 am Operator: BINXU
Sample : FB(012109),00763-014,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/21/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:35 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0451.D Vial: 46
Acq On : 28 Jan 2009 7:47 am Operator: BINXU
Sample : FB(012209),00763-015,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/22/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:50 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	322485	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	521179	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	538227	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	209340	54.60	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 109.20%			
41) Toluene-d8	8.66	98	575999	49.77	UG	0.00
Spiked Amount 50.000	Range 39 - 137		Recovery = 99.54%			
59) Bromofluorobenzene	11.73	95	291254	47.39	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 94.78%			

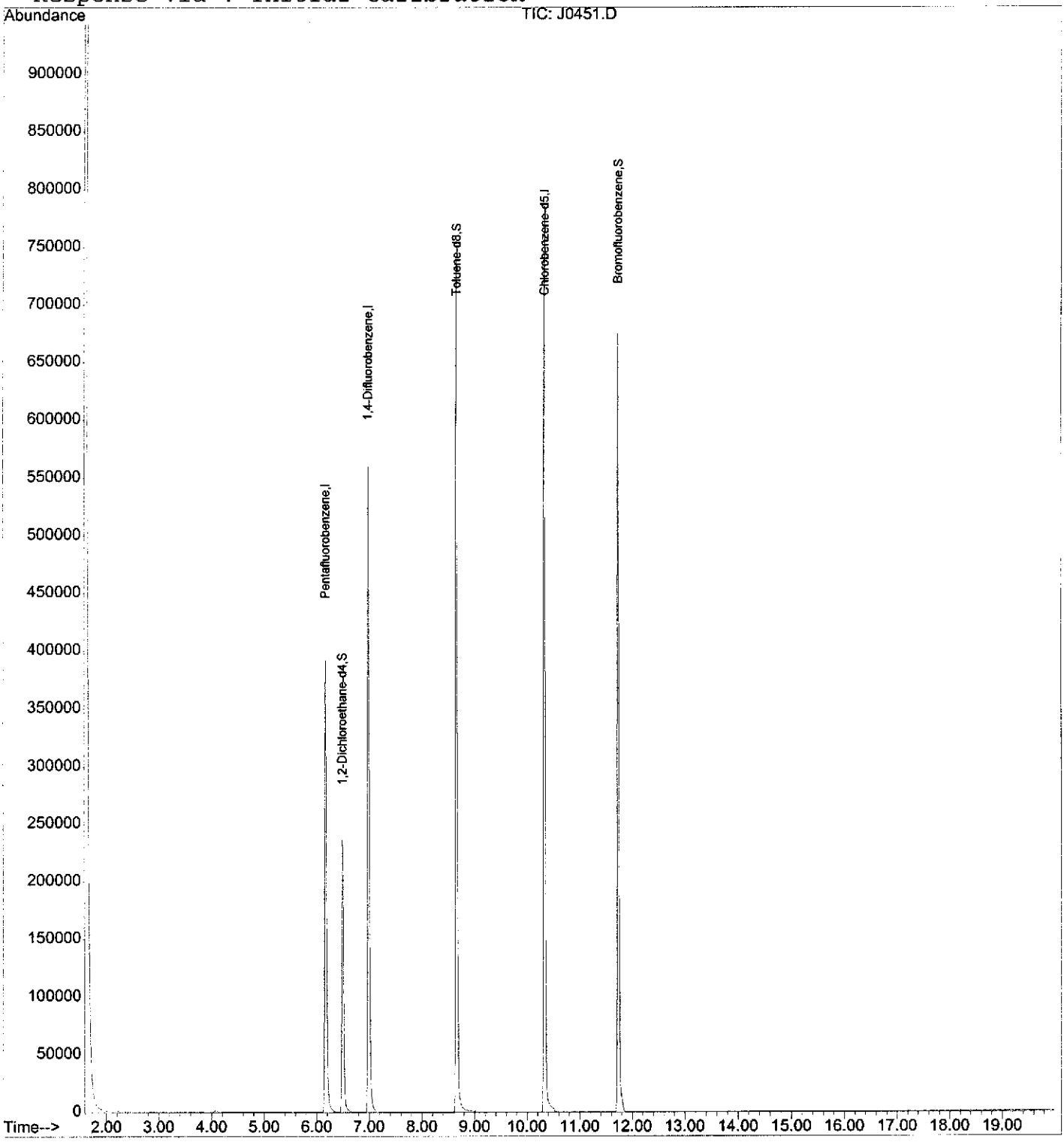
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0451.D Vial: 46
Acq On : 28 Jan 2009 7:47 am Operator: BINXU
Sample : FB(012209),00763-015,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/22/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:35 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0452.D Vial: 47
Acq On : 28 Jan 2009 8:13 am Operator: BINXU
Sample : TBLANK(012009),00763-016,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/20/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:50 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	319715	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	519684	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	537972	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	209982	55.24	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 110.48%			
41) Toluene-d8	8.66	98	580603	50.31	UG	0.00
Spiked Amount 50.000	Range 39 - 137		Recovery = 100.62%			
59) Bromofluorobenzene	11.73	95	297337	48.40	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 96.80%			

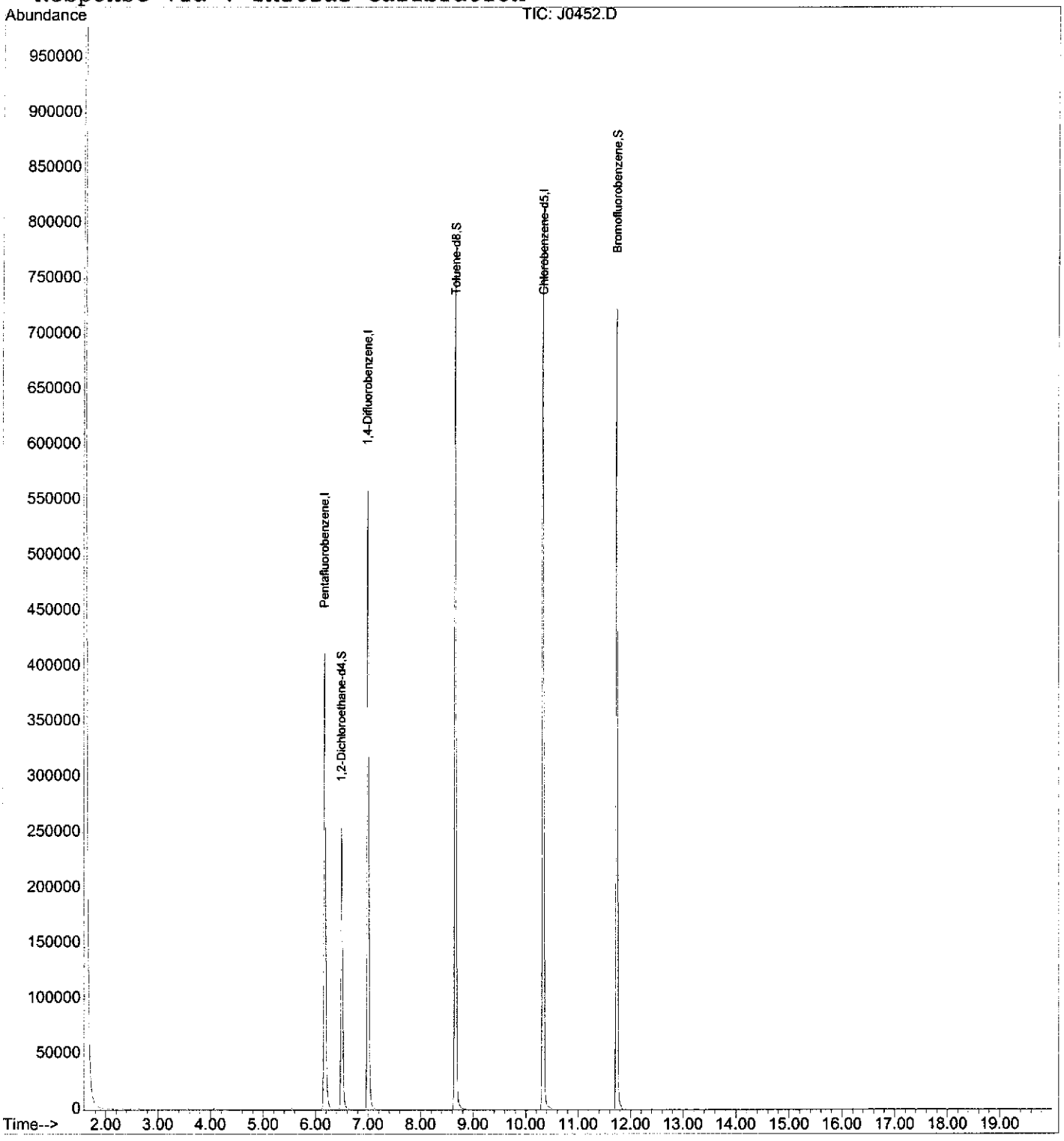
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0452.D Vial: 47
Acq On : 28 Jan 2009 8:13 am Operator: BINXU
Sample : TBLANK(012009),00763-016,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/20/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:35 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0453.D Vial: 48
Acq On : 28 Jan 2009 8:39 am Operator: BINXU
Sample : PTW-2,00763-017,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/22/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:50 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

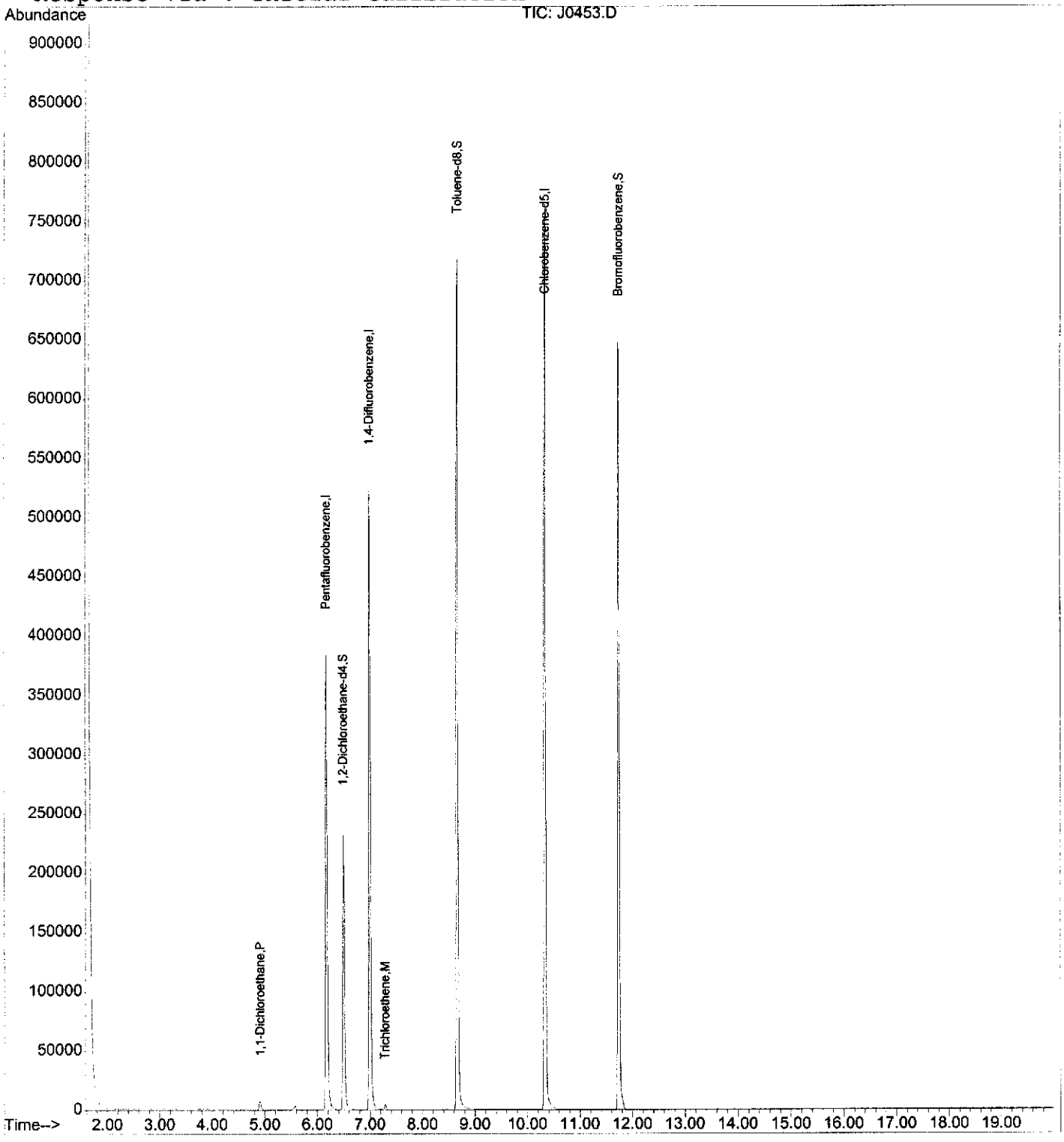
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	304566	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	491036	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	509057	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	198643	54.85	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 109.70%			
41) Toluene-d8	8.66	98	556523	51.04	UG	0.00
Spiked Amount 50.000	Range 39 - 137		Recovery = 102.08%			
59) Bromofluorobenzene	11.73	95	277204	47.69	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 95.38%			
Target Compounds						Qvalue
18) 1,1-Dichloroethane	4.91	63	10281	1.69	UG	# 88
33) Trichloroethene	7.29	95	1718	0.52	UG	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0453.D Vial: 48
Acq On : 28 Jan 2009 8:39 am Operator: BINXU
Sample : PTW-2,00763-017,A,5ml,100 Inst : MSD_J
Misc : ARCADIS/KINGS_ELEC,01/22/09,01/23/09, Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:36 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0410.D Vial: 7
Acq On : 27 Jan 2009 1:53 pm Operator: BINXU
Sample : NA,METHOD-BLK,A,5ml,100 Inst : MSD_J
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:38 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	383811	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	611239	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	615234	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	241512	52.92	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 105.84%			
41) Toluene-d8	8.66	98	679906	50.09	UG	0.00
Spiked Amount 50.000	Range 39 - 137		Recovery = 100.18%			
59) Bromofluorobenzene	11.73	95	346796	49.37	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 98.74%			

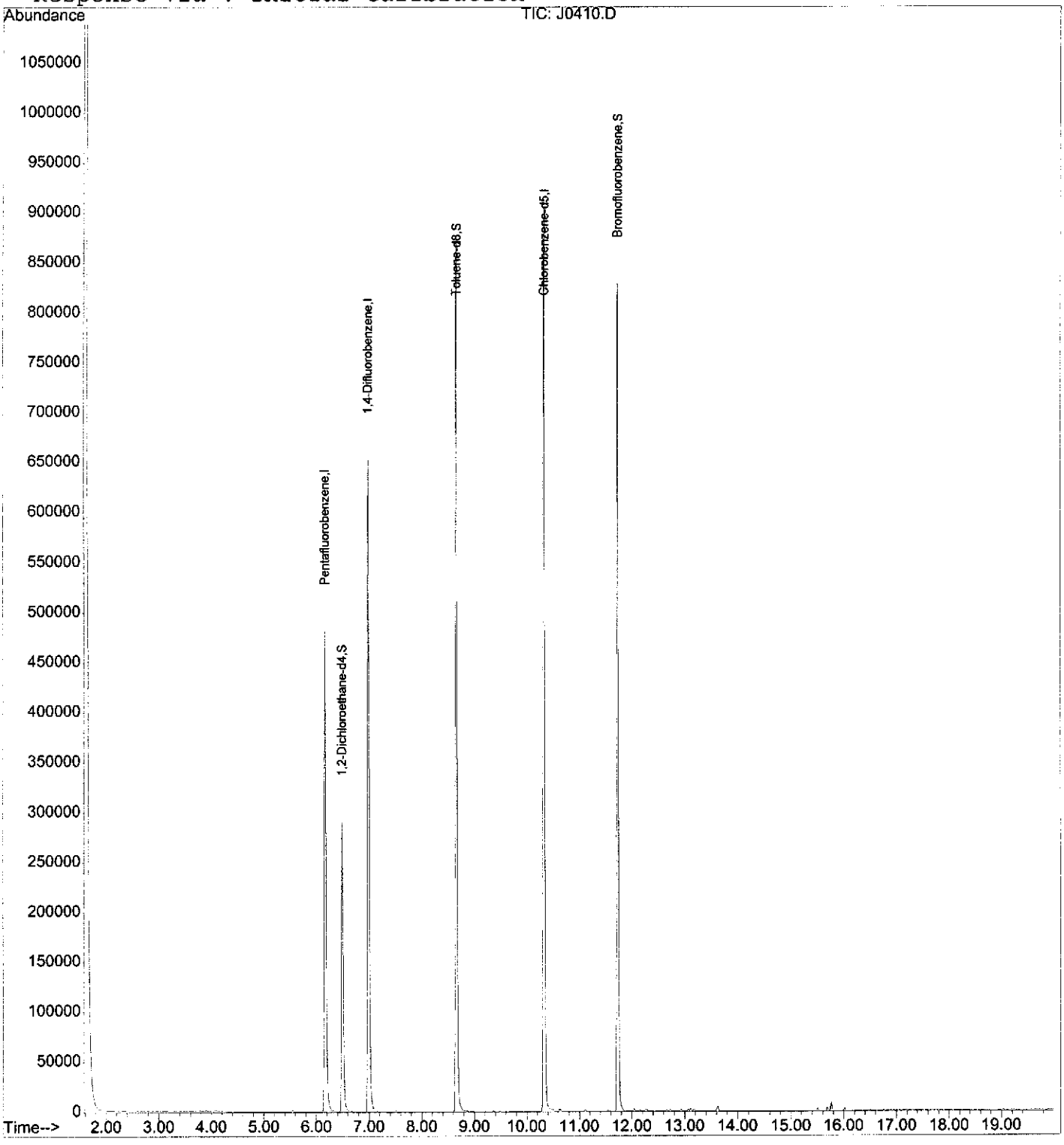
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0410.D Vial: 7
Acq On : 27 Jan 2009 1:53 pm Operator: BINXU
Sample : NA,METHOD-BLK,A,5ml,100 Inst : MSD_J
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 29 11:13 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0437.D Vial: 32
Acq On : 28 Jan 2009 1:46 am Operator: BINXU
Sample : NA,METHOD-BLK,A,5ml,100 Inst : MSD_J
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 12:41:46 2009 Quant Results File: JAW0122.RES

Quant Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 11:44:37 2009
Response via : Initial Calibration
DataAcq Meth : JAW0122

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	343923	50.00	UG	0.00
31) 1,4-Difluorobenzene	6.99	114	552447	50.00	UG	0.00
50) Chlorobenzene-d5	10.33	117	566865	50.00	UG	0.00
System Monitoring Compounds						
30) 1,2-Dichloroethane-d4	6.50	65	210867	51.57	UG	0.00
Spiked Amount 50.000	Range 43 - 133		Recovery = 103.14%			
41) Toluene-d8	8.65	98	611440	49.84	UG	0.00
Spiked Amount 50.000	Range 39 - 137		Recovery = 99.68%			
59) Bromofluorobenzene	11.73	95	307886	47.57	UG	0.00
Spiked Amount 50.000	Range 23 - 145		Recovery = 95.14%			

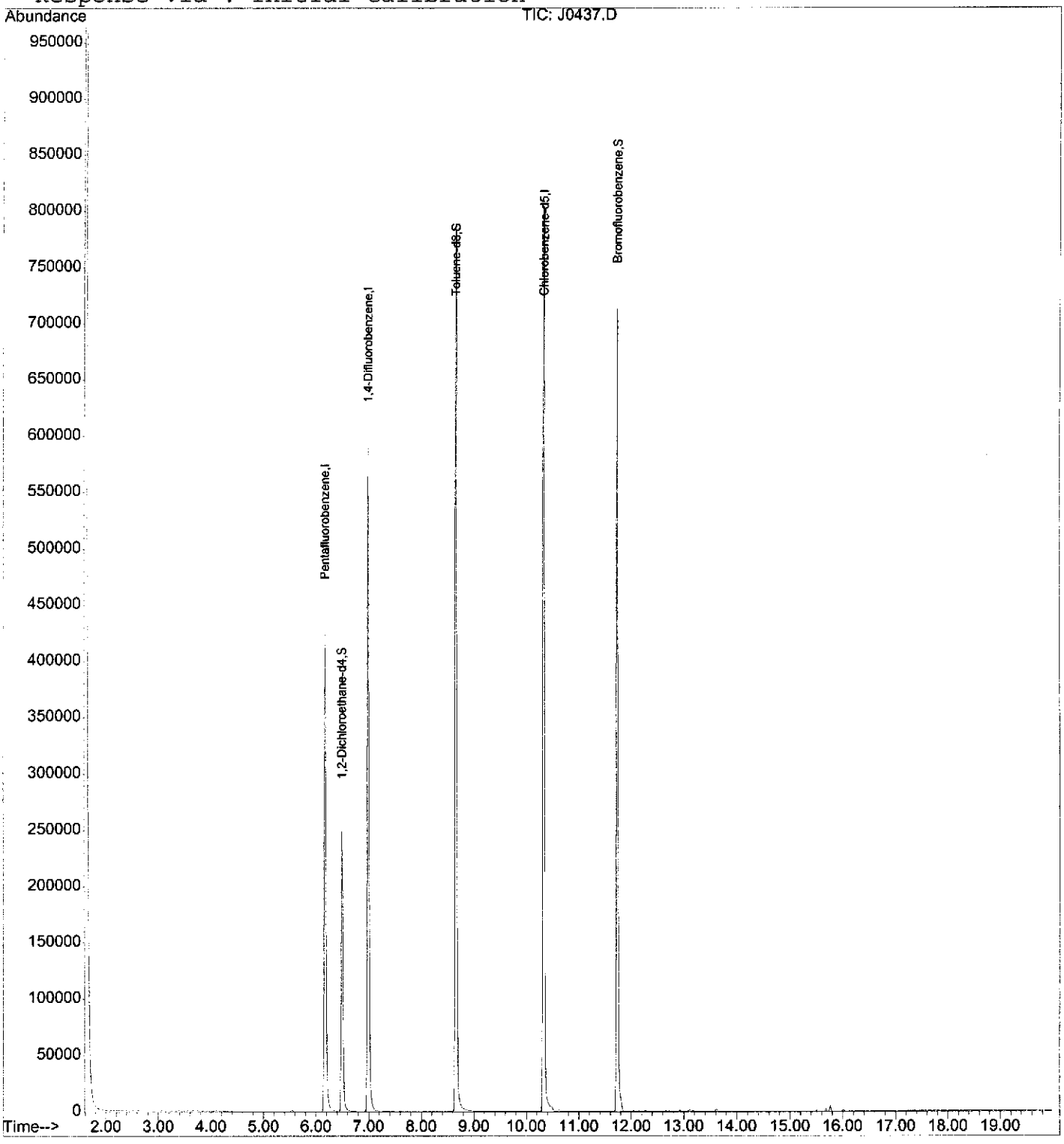
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\01-27-09\J0437.D Vial: 32
Acq On : 28 Jan 2009 1:46 am Operator: BINXU
Sample : NA,METHOD-BLK,A,5ml,100 Inst : MSD_J
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 14:30 2009 Quant Results File: JAW0122.RES

Method : C:\MSDCHEM\1\METHODS\JAW0122.M (RTE Integrator)
Title : VOLATILE ORGANICS BY EPA METHOD 8260B
Last Update : Wed Jan 28 14:42:23 2009
Response via : Initial Calibration



Phone # (973) 361-4252
Fax # (973) 989-5288

INTEGRATED ANALYTICAL LABORATORIES
CHAIN OF CUSTODY

273 Franklin Rd
Randolph, NJ 07869

CUSTOMER	
Company:	Arcadis
Address:	1 International Blvd Suite 406
	Mahwah, NJ 07495
Telephone #:	(201) 684-1410
Fax #:	(201) 684-1420
Project Manager:	E. Rodriguez
Sampler:	D Boschner, C Laprus
Project Name:	Kings Electric
Project Location (State):	NY
Bottle Order #:	
Quote # :	

REPORTING INFO	
REPORT TO:	E. Rodriguez
Address:	1 International Blvd Suite 406
	Mahwah, NJ 07495
Attn:	Eric Rodriguez
FAX #	201 684-1420
INVOICE TO:	Arcadis
Address:	1 International Blvd Suite 406
	Mahwah, NJ 07495
Attn:	Eric Rodriguez
PO #	NJ000423.0005.00002

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

* Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. ** RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE.

PHC- MUST CHOOSE

DRO (3-5 day TAT) QAM025 (5 day TAT min.)

SEE BELOW (under comments section for explanation)

Verbal/Fax 24 hr* 48 hr* (2 wk/Std) 72 hr* 1 wk*

Results needed by:

Hard Copy (3 wk/Std)

Other *call for price

Rush TAT Charge **
24 hr - 100%....
48 hr - 75%....
72 hr - 50%....
96 hr - 35%....
5 day - 25%....
6-9 day 10%

Report Format
Results Only (Reduced)
Regulatory - 15% Surcharge applies
Other (describe)

DISKETTE
SRP. dbf format
SRP.wk1 format
lab approved custom (EDD)
NO DISK/CD REQ'D

Cooler Temp 4 °C

Sample Matrix

DW - Drinking Water AQ - Aqueous WW - Waste Water
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)
S - Soil SL - Sludge SOL - Solid W - Wipe

SAMPLE INFORMATION

ANALYTICAL PARAMETERS

Client ID	Depth (ft. only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	VOC cis 1,2 DCE	# BOTTLES & PRESERVATIVES: HCl	NaOH	HNO3	H2SO4	MeOH	Other	None	Encore
MW-MP-2D		1/20/09	09:10	AQ	2	1	X	2							
MW-MP-2S		1/20/09	10:26			2									
OS-MW-3PL		1/20/09	11:56			3									
MW-6S		1/20/09	13:17			4									
OS-MW-1		1/21/09	13:59			5									
MW-9D		1/21/09	14:11			6									
MW-9S		1/21/09	10:42			7									
DUP(012109)		1/21/09	—			8									
MW-13		1/21/09	1115			9									
OS-MW-2		1/22/09	1003			10									

Known Hazard: Yes or No Describe:

Conc. Expected: Low Med High

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

MDL Req: Old GWQS - 11/05 GWQS - SCC - OTHER (SEE COMMENTS)

Signature/Company	Date	Time	Signature/Company
Relinquished by:	1/22/09	12:11	Received by:
Relinquished by:	1/23/09	7:08	Received by:
Relinquished by:			Received by:
Relinquished by:			Received by:
Relinquished by:			Received by:

Comments:

DRO (~~8015B~~) - used for: Fuel Oil #2/Home Heating Oil #1 /#2
QAM-025 (OQA-QAM025) - used for: all other fuel oils and unknown contamination

Lab Case # 00763

PAGE: 1 of 2

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

01/2007 rev

Ref. No: G 3036001.38

Phone # (973) 361-4252
Fax # (973) 989-5288

INTEGRATED ANALYTICAL LABORATORIES
CHAIN OF CUSTODY

273 Franklin Rd
Randolph, NJ 07869

CUSTOMER	
Company:	Arcadis
Address:	1 International Blvd Suite 406
	Mahwah, NJ 07495
Telephone #:	201 684-1410
Fax #:	201 684-1420
Project Manager:	E. Rodriguez
Sampler:	DKirschner, CLapius
Project Name:	Kings Electric
Project Location (State):	NY
Bottle Order #:	
Quote # :	

REPORTING INFO	
REPORT TO:	
Address:	1 International Blvd Suite 406
	Mahwah, NJ 07495
Attn:	Eric Rodriguez
FAX #	201 684-1420
INVOICE TO:	
Address:	Same as Above
Attn:	
PO #	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

* Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. ** RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE.

PHC- MUST CHOOSE

DRO (3-5 day TAT) QAM025 (5 day TAT min.)

SEE BELOW (under comments section for explanation)

Verbal/Fax 24 hr* 48 hr* 72 hr* 2 wk/Std 1 wk*

Results needed by:

Hard Copy Other *call for price 3 wk/Std

Rush TAT Charge **
24 hr - 100%...
48 hr - 75%....
72 hr - 50%....
96 hr - 35%....
5 day - 25%....
6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

DISKETTE: SRP. dbf format; SRP.wk1 format; lab approved custom EDD; NO DISK/CD REQ'D

ANALYTICAL PARAMETERS

Cooler Temp 4 °C

SAMPLE INFORMATION

Sample Matrix

DW - Drinking Water AQ - Aqueous WW - Waste Water
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)
S - Soil SL - Sludge SOL - Solid W - Wipe

Client ID	Depth (ft. only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	VOC Cis 1,2 DCE	# BOTTLES & PRESERVATIVES: HCl	NaOH	HNO3	H2SO4	MeOH	Other	None	Encore
GP-103R		1/22/09	1002	AQ	2	11	X	2							
GP-104R		1/22/09	1102			12									
FB(012009)		1/20/09	1015			13									
FB(012109)		1/21/09	1200			14									
FB(012209)		1/22/09	0915			15									
TBLANK(012009)		1/20/09	0800	V	V	16	V	V							
PTW-2		1/22/09	1353	AQ	2	17	X	2							

Known Hazard: Yes or No Describe:

Conc. Expected: Low Med High

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

MDL Req: Old GWQS - 11/05 GWQS - SCC - OTHER (SEE COMMENTS)

Signature/Company	Date	Time	Signature/Company
Relinquished by:	1/23/09	1211	Received by:
Relinquished by:	1/23/09	1208	Received by:
Relinquished by:			Received by:
Relinquished by:			Received by:
Relinquished by:			Received by:

Comments:

DRO (8015B) - used for: Fuel Oil #2/Home Heating Oil #1 /#2
QAM-025 (OQA-QAM025) - used for: all other fuel oils and unknown contamination

Lab Case # 00763

PAGE: 2 of 2

4 COPIES - WHITE & YELLOW; CLIENT COPY - PINK

01/2007 rev

PROJECT INFORMATION

E09-00763

Case No. E09-00763 **Project** KINGS ELECTRIC - VENDOR #1168636

Customer	Arcadis Geraghty & Miller	**P.O. #**	NJ000423.0005.000(
Contact	Eric Rodriguez	**Received**	1/23/2009 17:08
EMail	eric.rodriguez@arcadis-us.com ☐ EMail EDDs	**Verbal Due**	2/9/2009
Phone	(201) 684-1410 **Fax** 1(201) 684-1420	**Report Due**	2/17/2009

Report To

465 New Karner Road
Albany, NY 12205

Attn: Eric Rodriguez

Bill To

640 Plaza Drive
Suite 130
Highlands Ranch, CO 80129

Attn: Accounts Payable

Report Format Reduced

Additional Info ☐ State Form ☐ Field Sampling ☐ Conditional VOA

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
00763-001	MW-HP-2D	n/a	1/20/2009@09:10	Aqueous	ug/L	2
00763-002	MW-HP-2S	n/a	1/20/2009@10:26	Aqueous	ug/L	2
00763-003	OS-MW-3PL	n/a	1/20/2009@11:56	Aqueous	ug/L	2
00763-004	MW-6S	n/a	1/20/2009@13:17	Aqueous	ug/L	2
00763-005	OS-MW-1	n/a	1/21/2009@13:59	Aqueous	ug/L	2
00763-006	MW-9D	n/a	1/21/2009@14:11	Aqueous	ug/L	2
00763-007	MW-9S	n/a	1/21/2009@10:42	Aqueous	ug/L	2
00763-008	DUP(012109)	n/a	1/21/2009	Aqueous	ug/L	2
00763-009	MW-13	n/a	1/21/2009@11:15	Aqueous	ug/L	2
00763-010	OS-MW-2	n/a	1/22/2009@10:03	Aqueous	ug/L	2
00763-011	GP-103R	n/a	1/22/2009@10:02	Aqueous	ug/L	2
00763-012	GP-104R	n/a	1/22/2009@11:02	Aqueous	ug/L	2
00763-013	FB(012009)	n/a	1/20/2009@10:15	Aqueous	ug/L	2
00763-014	FB(012109)	n/a	1/21/2009@12:00	Aqueous	ug/L	2
00763-015	FB(012209)	n/a	1/22/2009@09:15	Aqueous	ug/L	2
00763-016	TBLANK(012009)	n/a	1/20/2009	Aqueous	ug/L	2
00763-017	PTW-2	n/a	1/22/2009@13:53	Aqueous	ug/L	2

Sample #	Tests	Status	QA Method
001	PP VOA + Cis 1,2-DCE	Run	8260B
002	PP VOA + Cis 1,2-DCE	Run	8260B
003	PP VOA + Cis 1,2-DCE	Run	8260B
004	PP VOA + Cis 1,2-DCE	Run	8260B
005	PP VOA + Cis 1,2-DCE	Run	8260B
006	PP VOA + Cis 1,2-DCE	Run	8260B
007	PP VOA + Cis 1,2-DCE	Run	8260B
008	PP VOA + Cis 1,2-DCE	Run	8260B
009	PP VOA + Cis 1,2-DCE	Run	8260B
010	PP VOA + Cis 1,2-DCE	Run	8260B
011	PP VOA + Cis 1,2-DCE	Run	8260B

Integrated Analytical Labs ~ 273 Franklin Road, Randolph, NJ 07869 ~ (973) 361-4252 ~ Fax (973) 989-5288

PROJECT INFORMATION

Case No. E09-00763 **Project** KINGS ELECTRIC - VENDOR #1168636

Sample #	Tests	Status	QA Method
012	PP VOA + Cis 1,2-DCE	Run	8260B
013	PP VOA + Cis 1,2-DCE	Run	8260B
014	PP VOA + Cis 1,2-DCE	Run	8260B
015	PP VOA + Cis 1,2-DCE	Run	8260B
016	PP VOA + Cis 1,2-DCE	Run	8260B
017	PP VOA + Cis 1,2-DCE	Run	8260B

Integrated Analytical Labs ~ 273 Franklin Road, Randolph, NJ 07869 ~ (973) 361-4252 ~ Fax (973) 989-5288

INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: **E 09** **00763** CLIENT: Arcadis

COOLER TEMPERATURE: 2° - 6°C: ✓ (See Chain of Custody)

Comments

COC: (COMPLETE) / INCOMPLETE

KEY

✓ = YES/NA
✗ = NO

✓	Bottles Intact	
✓	no-Missing Bottles	
✓	no-Extra Bottles	
✓	Sufficient Sample Volume	
✓	no-headspace/bubbles in VOs	
✓	Labels intact/correct	
✓	pH Check (exclude VOs)[1]	
✓	Correct bottles/preservative	
✓	Sufficient Holding/Prep Time[1]	
	Sample to be Subcontracted	

[1] All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY: INITIAL [signature] DATE 1/23/09

CORRECTIVE ACTION REQUIRED: **YES** (SEE BELOW) **NO**

CLIENT NOTIFIED: YES Date/ Time: NO

PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY: INITIAL [signature] DATE 1/26/09

Laboratory Custody Chronicle

IAL Case No.

E09-00763

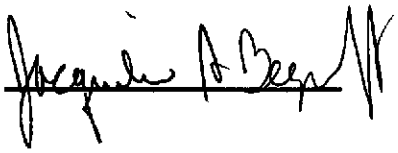
Client Arcadis Geraghty & Miller

Project KINGS ELECTRIC - VENDOR #1168636

Received On 1/23/2009@17:08

Department: Volatiles			***Prep. Date***	***Analyst***	***Analysis Date***	***Analyst***
PP VOA + Cis 1,2-DCE	00763-001	Aqueous	n/a	n/a	1/27/09	Xing
"	-002	"	n/a	n/a	1/27/09	Xing
"	-003	"	n/a	n/a	1/27/09	Xing
"	-004	"	n/a	n/a	1/27/09	Xing
"	-005	"	n/a	n/a	1/28/09	Xing
"	-006	"	n/a	n/a	1/28/09	Xing
"	-007	"	n/a	n/a	1/28/09	Xing
"	-008	"	n/a	n/a	1/28/09	Xing
"	-009	"	n/a	n/a	1/28/09	Xing
"	-010	"	n/a	n/a	1/28/09	Xing
"	-011	"	n/a	n/a	1/28/09	Xing
"	-012	"	n/a	n/a	1/28/09	Xing
"	-013	"	n/a	n/a	1/28/09	Xing
"	-014	"	n/a	n/a	1/28/09	Xing
"	-015	"	n/a	n/a	1/28/09	Xing
"	-016	"	n/a	n/a	1/28/09	Xing
"	-017	"	n/a	n/a	1/28/09	Xing

Review and Approval:



Integrated Analytical Labs ~ 273 Franklin Road, Randolph, NJ 07869 ~ (973) 361-4252 ~ Fax (973) 989-5288