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Brayack, David; Francisco, Ben
Subject: July 2018 Validated Data, OU2 Navy groundwater sampling
Attachments: OU2 Navy GW validated data - July 2018.pdf

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All:

As per discussions between the Navy and NYSDEC, NYSDEC requested that the Navy submit the validated data as soon as the information is available. Please find attached the pdf table for the July 2018 quarterly groundwater sampling data. The data includes both VOCs and 1,4-dioxan results.

I apologize for the delay, the validated data was just received. Validated data from the Sept/Oct 2018 and Dec 2018 sampling events will be provided shortly.

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July 2018 Validated Analytical Data
Navy OU2 Groundwater Sampling
Naval Weapons Industrial Reserve Plant Bethpage

LOCATION NSAMPLE SAMPLE DATE QC TYPE DUP OF SDG	RE103D1 RE103D1-20180712 07/12/2018 NM	RE103D2 RE103D2-20180712 07/12/2018 NM	RE103D2 GW03-20180712 07/12/2018 NM RE103D2-20180712	RE103D3 RE103D3-20180712 07/12/2018 NM	RE104D1 RE104D1-20180713 07/13/2018 NM	RE104D2 RE104D2-20180713 07/13/2018 NM
	J4014	J4014	J4014	J4014	J4014	J4014
OV (UG/L)						
1,1,1-TRICHLOROETHANE	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,1,2,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.63 J	0.38 J	0.41 J	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROTRIFLUOROETHANE	5.1	1.4 J	1.6 J	0.95 J	1.4 J	0.5 U
1,1-DICHLOROETHANE	0.92 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHENE	4 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.99 J
1,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-HEXANONE	3.8 UJ	3.8 UJ	3.8 UJ	3.8 UJ	3.8 UJ	3.8 UJ
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
ACETONE	2.5 U	2.5 U	2.5 U	2.5 U	5.1 U	2.5 U
BENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOFORM	0.5 U	0.5 U	0.5 U	1.8 J	0.5 U	0.5 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.35 J	0.3 J	0.3 J	0.5 U	0.5 U	0.5 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLORODIBROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.75 J	0.71 J	0.76 J	0.52 J	0.5 U	3.1 J
CHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	2.1 J	0.5 U	0.5 U	0.5 U	0.5 U	23
CIS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DICHLORODIFLUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ISOPROPYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M+P-XYLENES	1 U	1 U	1 U	1 U	1 U	1 U
METHYL CYCLOHEXANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYL TERT-BUTYL ETHER	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLENE CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
O-XYLENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
STYRENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	0.54 J	0.5 U	0.5 U	0.5 U	0.54 J	0.5 U
TOLUENE	0.5 U	0.5 U	0.5 U	0.44 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	430	370	340	230	46.4	62.8
TRICHLOROFLUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
8270D (UG/L)						
1,4-DIOXANE	10.6	0.89	0.93	0.47 U	4	0.89

July 2018 Validated Analytical Data
Navy OU2 Groundwater Sampling
Naval Weapons Industrial Reserve Plant Bethpage

LOCATION NSAMPLE SAMPLE DATE QC TYPE DUP OF SDG	RE104D3 RE104D3-20180713 07/13/2018 NM	RE105D1 RE105D1-20180713 07/13/2018 NM	RE105D2 RE105D2-20180713 07/13/2018 NM	RE108D1 RE108D1-20180717 07/17/2018 NM	RE108D2 RE108D2-20180717 07/17/2018 NM	RE109D1 RE109D1-20180716 07/16/2018 NM
	J4014	J4014	J4014	J4073	J4073	J4073
OV (UG/L)						
1,1,1-TRICHLOROETHANE	0.75 U	0.75 U	0.75 U	0.75 U	0.65 J	0.75 U
1,1,2,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.5 U	0.5 U	1.1 J	0.5 U	1.5 J+	0.5 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.5 U	3.7 J	7.4	0.5 U	2.8 J	0.5 U
1,1-DICHLOROETHANE	0.5 U	0.5 U	1.2 J	0.5 U	4 J	0.5 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	3 J	0.5 U	4.2 J	0.5 U
1,2-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.75 UJ	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-HEXANONE	3.8 U	3.8 UJ	3.8 UJ	3.8 U	3.8 U	3.8 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
ACETONE	2.5 UJ	5.5 U	2.5 U	2.5 U	4.8 U	2.5 U
BENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.5 UJ	0.5 U	1.9 J	0.5 U	1 J	0.5 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLORODIBROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.5 U	0.5 U	1.8 J	0.5 U	2.9 J	0.5 U
CHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	5.9	0.5 U
CIS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DICHLORODIFLUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ISOPROPYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M+P-XYLENES	1 U	1 U	1 U	1 U	1 U	1 U
METHYL CYCLOHEXANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYL TERT-BUTYL ETHER	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLENE CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
O-XYLENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
STYRENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	0.5 U	0.5 U	0.34 J	0.5 U	0.5 U	0.5 U
TOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	0.58 J	80.8	760	22.2	1500	20.4
TRICHLOROFLUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
8270D (UG/L)						
1,4-DIOXANE	0.05 U	5.4	5	3.9	4.3	2.9

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LOCATION NSAMPLE SAMPLE DATE QC TYPE DUP OF SDG	RE109D2 RE109D2-20180716 07/16/2018 NM	RE109D3 RE109D3-20180716 07/16/2018 NM	RE117D1 RE117D1-20180716 07/16/2018 NM	RE117D2 RE117D2-20180716 07/16/2018 NM	RE120D1 RE120D1-20180711 07/11/2018 NM	RE120D1 GW02-20180711 07/11/2018 NM RE120D1-20180711
	J4073	J4073	J4073	J4073	J3170	J3170
OV (UG/L)						
1,1,1-TRICHLOROETHANE	0.75 U	0.75 U	0.75 U	0.75 U	0.69 J	0.76 J
1,1,2,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.99 J	0.94 J
1,1,2-TRICHLOROTRIFLUOROETHANE	0.57 J	0.95 J	0.5 U	0.5 U	12.8	14.5
1,1-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	2 J	2 J
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	8.5	9.3
1,2-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-HEXANONE	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
ACETONE	4.8 U	3.6 U	2.5 U	2.5 U	2.1 U	2.4 U
BENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.47 J	0.49 J
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLORODIBROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.5 U	0.5 U	0.5 U	0.5 U	0.67 J	0.73 J
CHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	3.3 J	3.5 J
CIS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DICHLORODIFLUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ISOPROPYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M+P-XYLENES	1 U	1 U	1 U	1 U	1 U	1 U
METHYL CYCLOHEXANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYL TERT-BUTYL ETHER	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLENE CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
O-XYLENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
STYRENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.48 J	0.44 J
TOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	25.3	32.5	8.2	0.5 U	620	610
TRICHLOROFUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
8270D (UG/L)						
1,4-DIOXANE	3	3.7	0.05 U	0.05 U	8.3	8

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LOCATION NSAMPLE SAMPLE DATE QC TYPE DUP OF SDG	RE120D2 RE120D2-20180711 07/11/2018 NM	RE120D3 RE120D3-20180711 07/11/2018 NM	RE122D1 RE122D1-20180712 07/12/2018 NM	RE122D2 RE122D2-20180712 07/12/2018 NM	RE122D3 RE122D3-20180712 07/12/2018 NM	RE123D1 RE123D1-20180718 07/18/2018 NM
	J3170	J3170	J4014	J4014	J4014	J4073
OV (UG/L)						
1,1,1-TRICHLOROETHANE	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,1,2,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	2.5 J	0.5 U	0.5 U
1,1,2-TRICHLOROTRIFLUOROETHANE	14.1	0.67 J	2.8 J	12.9	0.5 U	0.5 U
1,1-DICHLOROETHANE	0.88 J	0.5 U	0.5 U	1.2 J	0.5 U	0.5 U
1,1-DICHLOROETHENE	4.2 J	0.5 U	0.71 J	5.3	0.5 U	0.5 U
1,2-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U	4.2 U	2.5 U
2-HEXANONE	3.8 U	3.8 U	3.8 UJ	3.8 UJ	3.8 UJ	3.8 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
ACETONE	2.4 U	2.2 U	2.5 U	5.9 U	6.3 U	4.3 U
BENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.63 J	0.5 U	0.65 J	2.8 J	0.5 U	0.5 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLORODIBROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.68 J	0.5 U	0.6 J	2.8 J	0.5 U	0.5 U
CHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	3.6 J	0.5 U	0.5 U	5.8	0.5 U	0.5 U
CIS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DICHLORODIFLUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ISOPROPYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M+P-XYLENES	1 U	1 U	1 U	1 U	1 U	1 U
METHYL CYCLOHEXANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYL TERT-BUTYL ETHER	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLENE CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
O-XYLENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
STYRENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	1.1 J	0.5 U	0.27 J	0.85 J	0.5 U	0.5 U
TOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	600 D	23.4	250	3700	9	5.7
TRICHLOROFUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
8270D (UG/L)						
1,4-DIOXANE	5.4	0.25 U	4.2	7.4	0.05 U	2.7

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LOCATION NSAMPLE SAMPLE DATE QC TYPE DUP OF SDG	RE123D2 RE123D2-20180718 07/18/2018 NM	RE123D3 RE123D3-20180718 07/18/2018 NM	RE125D1 RE125D1-20180711 07/11/2018 NM	RE125D2 RE125D2-20180711 07/11/2018 NM	RE125D2 GW01-20180711 07/11/2018 NM RE125D2-20180711	RE125D3 RE125D3-20180711 07/11/2018 NM
	J4073	J4073	J3170	J3170	J3170	J3170
OV (UG/L)						
1,1,1-TRICHLOROETHANE	0.75 U	0.75 U	0.75 U	0.42 J	0.44 J	0.75 U
1,1,2,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.5 U	0.5 U	6.2	8.3	9	11.8
1,1-DICHLOROETHANE	0.5 U	0.5 U	1.7 J	0.5 U	0.81 J	0.5 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	1.9 J	4.1 J	4.4 J	0.5 U
1,2-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-HEXANONE	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
ACETONE	2.5 U	3.3 U	2.6 U	2.4 U	2.5 U	2.6 U
BENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.5 U	0.5 U	0.25 J	0.36 J	0.36 J	0.24 J
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLORODIBROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.5 U	0.5 U	0.91 J	0.49 J	0.54 J	0.37 J
CHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	0.5 U	0.5 U	4.6 J	4.2 J	4.4 J	1.5 J
CIS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DICHLORODIFLUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ISOPROPYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M+P-XYLENES	1 U	1 U	1 U	1 U	1 U	1 U
METHYL CYCLOHEXANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYL TERT-BUTYL ETHER	0.5 U	0.5 U	0.51 J	0.5 U	0.5 U	0.5 U
METHYLENE CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
O-XYLENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
STYRENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	0.5 U	0.5 U	2.4 J	0.37 J	0.35 J	0.5 U
TOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	1.6 J	0.95 J	140	120	120	52.3
TRICHLOROFLUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
8270D (UG/L)						
1,4-DIOXANE	0.55	0.05 UJ	5.6	6.6	6.7	2.2

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LOCATION NSAMPLE SAMPLE DATE QC TYPE DUP OF SDG	RE126D1 RE126D1-20180717 07/17/2018 NM	RE126D2 RE126D2-20180717 07/17/2018 NM	RE126D2 GW04-20180717 07/17/2018 NM RE126D2-20180717	RE126D3 RE126D3-20180717 07/17/2018 NM	RE131D1 RE131D1-20180710 07/10/2018 NM	RE131D2 RE131D2-20180710 07/10/2018 NM
	J4073	J4073	J4073	J4073	J3170	J3170
OV (UG/L)						
1,1,1-TRICHLOROETHANE	0.75 U	0.44 J	0.43 J	0.75 U	0.75 U	0.75 U
1,1,2,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.5 U	0.41 J+	0.4 J+	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	2.5 J	110
1,1-DICHLOROETHANE	0.5 U	2.2 J	2.1 J	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHENE	0.5 U	0.81 J	0.87 J	0.5 U	0.61 J	1.4 J
1,2-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-HEXANONE	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
ACETONE	2.5 U	4.4 U	5.4 U	5.4 U	2.7 U	2.2 U
BENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.5 U	0.42 J	0.41 J	0.5 U	0.5 U	0.29 J
CHLOROENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLORODIBROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.5 U	0.45 J	0.44 J	0.5 U	2.2 J	0.39 J
CHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	0.5 U	21.8	21.3	0.5 U	4.9 J	4.8 J
CIS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DICHLORODIFLUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ISOPROPYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M+P-XYLENES	1 U	1 U	1 U	1 U	1 U	1 U
METHYL CYCLOHEXANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYL TERT-BUTYL ETHER	0.5 U	0.5 U	0.5 U	0.5 U	0.57 J	0.5 U
METHYLENE CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
O-XYLENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
STYRENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	0.32 J	0.5 U	0.5 U	1.1 J	1.6 J	2.8 J
TOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	35.7	400	390 J-	3 J	88.4	44.3
TRICHLOROFUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
8270D (UG/L)						
1,4-DIOXANE	4	3.6	3.3	1.1	6.5	6.1

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LOCATION NSAMPLE SAMPLE DATE QC TYPE DUP OF SDG	RE131D3 RE131D3-20180710 07/10/2018 NM	TT101D TT101D-20180710 07/10/2018 NM	TT101D1 TT101D1-20180710 07/10/2018 NM	TT101D2 TT101D2-20180710 07/10/2018 NM
	J3170	J3170	J3170	J3170
OV (UG/L)				
1,1,1-TRICHLOROETHANE	0.75 U	0.75 U	0.58 J	0.45 J
1,1,2,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROTRIFLUOROETHANE	120	12.8	11.3	20.1
1,1-DICHLOROETHANE	0.5 U	0.95 J	1.2 J	1.2 J
1,1-DICHLOROETHENE	0.5 U	3.2 J	6	5.9
1,2-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.75 U	0.75 U	0.75 U	0.75 U
1,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U
1,4-DICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U
2-HEXANONE	3.8 UJ	3.8 U	3.8 U	3.8 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U
ACETONE	2.5 U	2.5 U	2.5 U	2.5 U
BENZENE	0.5 U	0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.5 U	0.24 J	1.3 J	1.4 J
CHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U
CHLORODIBROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.5 U	0.58 J	1.1 J	1 J
CHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	0.5 U	3.6 J	2.2 J	2.3 J
CIS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U
DICHLORODIFLUOROMETHANE	0.5 U	1.4 J	0.9 J	0.5 U
ETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U
ISOPROPYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U
M+P-XYLENES	1 U	1 U	1 U	1 U
METHYL CYCLOHEXANE	0.5 U	0.5 U	0.5 U	0.5 U
METHYL TERT-BUTYL ETHER	0.5 U	0.5 U	0.5 U	0.5 U
METHYLENE CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U
O-XYLENE	0.5 U	0.5 U	0.5 U	0.5 U
STYRENE	0.5 U	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	0.75 J	0.5 U	0.5 U	1.1 J
TOLUENE	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	6.5	73.3	140	660
TRICHLOROFUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U
8270D (UG/L)				
1,4-DIOXANE	1.1	4.7	4.1	1.7

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U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted detection limit.

J - The result is an estimated value with an unknown bias. The associated numerical value is the approximate concentration of the analyte in the sample.

UJ - The analyte was analyzed for, but was not detected. The reported detection limit is approximate and may be inaccurate or imprecise.