

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV018009.D
 Acq On : 14 Aug 2020 20:10
 Operator : SY/MD
 Sample : L3665-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L37

Quant Time: Aug 17 03:49:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	242153	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	239738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113389	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58734	31.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.58%
7) Chloroethane-d5	1.58	69	55980	37.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.06%
11) 1,1-Dichloroethene-d2	2.12	63	95540	27.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.06%#
21) 2-Butanone-d5	3.91	46	125657	103.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.84%
24) Chloroform-d	4.38	84	142739	42.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.88%
26) 1,2-Dichloroethane-d4	5.06	65	99336	45.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.94%
32) Benzene-d6	5.08	84	270107	40.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.76%
36) 1,2-Dichloropropane-d6	6.09	67	95632	44.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.54%
41) Toluene-d8	7.34	98	235063	39.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.12%#
43) trans-1,3-Dichloropropene-	7.64	79	41435	42.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.58%
47) 2-Hexanone-d5	8.11	63	59807	86.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129614	46.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	109733	49.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.34%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	129526	60.198	ug/L 99
13) Acetone	2.18	43	2776	2.221	ug/L 89
17) trans-1,2-Dichloroethene	2.78	96	62350	37.341	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	26306	4.764	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	5942505	3238.615	ug/L 96
33) Benzene	5.13	78	6696	0.903	ug/L 100
34) Trichloroethene	5.94	95	950119	484.617	ug/L 99
46) Tetrachloroethene	8.00	164	52793	36.716	ug/L 97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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