

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017936.D
 Acq On : 12 Aug 2020 18:44
 Operator : SY/MD
 Sample : L3665-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L39

Quant Time: Aug 13 05:47:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	250199	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	242849	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	109129	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	87887	46.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.08%
7) Chloroethane-d5	1.58	69	73740	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.44%
11) 1,1-Dichloroethene-d2	2.12	63	128471	35.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.36%
21) 2-Butanone-d5	3.91	46	131205	104.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.94%
24) Chloroform-d	4.38	84	162902	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	5.06	65	114168	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.16%
32) Benzene-d6	5.08	84	330073	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
36) 1,2-Dichloropropane-d6	6.09	67	109907	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.46%
41) Toluene-d8	7.34	98	288887	48.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.64	79	46548	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.80%
47) 2-Hexanone-d5	8.11	63	67815	96.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136616	47.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	114637	53.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.76%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	207181	93.192	ug/L 99
8) Chloroethane	1.59	64	2155	1.519	ug/L 91
17) trans-1,2-Dichloroethene	2.78	96	42043	24.370	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	1171750	618.058	ug/L 100
25) Chloroform	4.40	83	4113	1.162	ug/L 77
29) Cyclohexane	4.70	56	2575	0.879	ug/L # 65
34) Trichloroethene	5.94	95	474369	238.857	ug/L 99
35) Methylcyclohexane	6.16	83	8413	2.849	ug/L 93
46) Tetrachloroethene	8.00	164	170340	116.950	ug/L 98

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

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