

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018033.D
 Acq On : 17 Aug 2020 18:20
 Operator : SY/MD
 Sample : L3665-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M10

Quant Time: Aug 18 03:13:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	255537	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	254191	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125432	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	83429	42.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.58%
7) Chloroethane-d5	1.58	69	72184	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.50%
11) 1,1-Dichloroethene-d2	2.12	63	124401	33.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.72%
21) 2-Butanone-d5	3.90	46	133622	104.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.64%
24) Chloroform-d	4.37	84	149281	42.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.12%
26) 1,2-Dichloroethane-d4	5.06	65	109184	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
32) Benzene-d6	5.07	84	316539	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.38%
36) 1,2-Dichloropropane-d6	6.09	67	104589	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.34%
41) Toluene-d8	7.34	98	278157	44.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.30%
43) trans-1,3-Dichloropropene-	7.64	79	46155	44.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.86%
47) 2-Hexanone-d5	8.11	63	71461	97.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.23%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139072	46.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	119385	48.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	41243	18.164	ug/L	98
13) Acetone	2.18	43	28939	21.940	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	2912	1.653	ug/L	86
20) cis-1,2-Dichloroethene	3.94	96	52314	27.017	ug/L	99
25) Chloroform	4.40	83	11656	3.225	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	2943	1.050	ug/L #	91
42) Toluene	7.41	91	22952	2.797	ug/L	98
52) Ethylbenzene	9.04	91	11853	1.325	ug/L	97
53) m,p-Xylene	9.16	106	15195	4.617	ug/L	95
54) o-xylene	9.57	106	4003	1.231	ug/L	96

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

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