

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV018010.D
 Acq On : 14 Aug 2020 20:33
 Operator : SY/MD
 Sample : L3665-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L38

Quant Time: Aug 17 03:54:31 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	237027	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	235308	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	112703	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57189	31.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.24%
7) Chloroethane-d5	1.58	69	53896	36.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.86%
11) 1,1-Dichloroethene-d2	2.12	63	92729	26.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.62%#
21) 2-Butanone-d5	3.91	46	131226	110.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.79%
24) Chloroform-d	4.38	84	139765	42.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.90%
26) 1,2-Dichloroethane-d4	5.06	65	98293	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
32) Benzene-d6	5.08	84	263546	40.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.28%
36) 1,2-Dichloropropane-d6	6.09	67	94719	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.36%
41) Toluene-d8	7.34	98	229612	39.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.74%#
43) trans-1,3-Dichloropropene-	7.64	79	40897	42.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.06%
47) 2-Hexanone-d5	8.11	63	65342	96.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.04%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132623	48.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	108421	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	359087	170.496	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	182019	111.368	ug/L	99
18) Methyl tert-butyl Ether	2.79	73	9080	1.680	ug/L #	75
20) cis-1,2-Dichloroethene	3.94	96	7615549	4240.167	ug/L	94
29) Cyclohexane	4.71	56	3484	1.227	ug/L	96
33) Benzene	5.13	78	8548	1.174	ug/L	100
34) Trichloroethene	5.94	95	3679677	1912.188	ug/L	99
35) Methylcyclohexane	6.15	83	1850	0.647	ug/L	99
46) Tetrachloroethene	8.00	164	243887	172.812	ug/L	99

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

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