

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022020\
 Data File : VV014639.D
 Acq On : 20 Feb 2020 21:18
 Operator : SY/MD
 Sample : L1607-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ3

Quant Time: Feb 21 10:46:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 21 03:31:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	267519	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	248201	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	120752	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49929	48.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.20%
7) Chloroethane-d5	1.59	69	34637	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.88%
11) 1,1-Dichloroethene-d2	2.14	63	118868	69.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	138.68%#
21) 2-Butanone-d5	3.94	46	89925	105.55	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.55%
24) Chloroform-d	4.40	84	143690	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	5.08	65	100095	53.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.72%
32) Benzene-d6	5.10	84	318858	53.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.44%
36) 1,2-Dichloropropane-d6	6.12	67	93476	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.58%
41) Toluene-d8	7.36	98	288645	50.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.10%
43) trans-1,3-Dichloropropene-	7.66	79	49203	49.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.82%
47) 2-Hexanone-d5	8.13	63	73206	102.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.47%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	123070	50.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.44%
64) 1,2-Dichlorobenzene-d4	11.67	152	111529	52.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	21637	24.515	ug/L	99
12) 1,1-Dichloroethene	2.14	96	89817	109.472	ug/L	84
17) trans-1,2-Dichloroethene	2.80	96	4863	3.005	ug/L	94
19) 1,1-Dichloroethane	3.23	63	31796	11.204	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	653110	349.047	ug/L	97
25) Chloroform	4.43	83	13686	4.359	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	1720004	637.017	ug/L	99
34) Trichloroethene	5.97	95	6903068	3925.517	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	1054	0.634	ug/L	92
46) Tetrachloroethene	8.02	164	2066	1.494	ug/L	90

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

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