

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082119\
 Data File : VV012318.D
 Acq On : 21 Aug 2019 17:05
 Operator : SY/MD
 Sample : VSTD10063
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10063

Quant Time: Aug 22 02:24:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 02:21:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	234687	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	214203	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	117670	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112031	76.11	ug/L	0.00
7) Chloroethane-d5	1.57	69	81135	64.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	218760	79.12	ug/L	0.00
21) 2-Butanone-d5	3.92	46	193123	150.98	ug/L	0.00
24) Chloroform-d	4.40	84	327049	94.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	222274	99.02	ug/L	0.00
32) Benzene-d6	5.10	84	593948	90.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	158655	79.53	ug/L	0.00
41) Toluene-d8	7.36	98	583954	96.43	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	102882	98.07	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	146697	168.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	232375	79.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	264469	94.34	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	203245	101.053	ug/L 99
3) Chloromethane	1.25	50	115505	66.563	ug/L 99
5) Vinyl chloride	1.32	62	115576	65.665	ug/L 99
6) Bromomethane	1.52	94	58819	62.009	ug/L 94
8) Chloroethane	1.59	64	63702	64.747	ug/L 97
9) Trichlorofluoromethane	1.77	101	232525	94.521	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	103137	77.066	ug/L 98
12) 1,1-Dichloroethene	2.14	96	95044	75.058	ug/L 92
13) Acetone	2.18	43	118394	118.917	ug/L 99
14) Carbon disulfide	2.32	76	355648	84.676	ug/L 100
15) Methyl Acetate	2.45	43	127550	77.290	ug/L 100
16) Methylene chloride	2.53	84	144185	89.258	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	144055	92.802	ug/L 98
18) Methyl tert-butyl Ether	2.80	73	496411	104.593	ug/L 99
19) 1,1-Dichloroethane	3.23	63	246454	89.161	ug/L 97
20) cis-1,2-Dichloroethene	3.96	96	165403	96.161	ug/L 99
22) 2-Butanone	4.01	43	197015	155.301	ug/L 100
23) Bromochloromethane	4.30	128	90846	99.983	ug/L 99
25) Chloroform	4.42	83	294991	98.613	ug/L 99
27) 1,2-Dichloroethane	5.18	62	248433	109.346	ug/L 100
29) Cyclohexane	4.72	56	206790	88.588	ug/L 99
30) 1,1,1-Trichloroethane	4.66	97	287972	115.103	ug/L 99
31) Carbon tetrachloride	4.87	117	272935	121.038	ug/L 100
33) Benzene	5.14	78	565533	95.060	ug/L 100
34) Trichloroethene	5.96	95	162822	101.328	ug/L 98
35) Methylcyclohexane	6.18	83	249518	98.628	ug/L 99
37) 1,2-Dichloropropane	6.22	63	128756	86.414	ug/L 99
38) Bromodichloromethane	6.55	83	229296	109.940	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	245855	102.042	ug/L 99
40) 4-Methyl-2-pentanone	7.27	43	362547	176.392	ug/L 99

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42) Toluene	7.43	91	639363	100.014	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	238868	107.735	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	149973	99.961	ug/L	96
46) Tetrachloroethene	8.02	164	157247	112.635	ug/L	98
48) 2-Hexanone	8.18	43	268094	160.332	ug/L	99
49) Dibromochloromethane	8.29	129	205700	117.470	ug/L	99
50) 1,2-Dibromoethane	8.40	107	169109	104.279	ug/L	100
51) Chlorobenzene	8.92	112	437828	101.998	ug/L	99
52) Ethylbenzene	9.05	91	746666	105.198	ug/L	100
53) m,p-Xylene	9.18	106	287924	105.600	ug/L	99
54) o-xylene	9.59	106	284551	107.380	ug/L	100
55) Styrene	9.60	104	488352	107.790	ug/L	99
56) Isopropylbenzene	9.97	105	772727	109.981	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	219563	90.463	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	183647	95.879	ug/L	98
61) Bromoform	9.77	173	165949	118.755	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	386235	102.945	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	381401	99.645	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	381626	101.070	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	60656	104.793	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	317058	110.411	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	271873	114.900	ug/L	99
69) Naphthalene	13.55	128	753754	112.755	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	274692	110.618	ug/L	99

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

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