

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081219\
 Data File : VV012202.D
 Acq On : 12 Aug 2019 12:09
 Operator : SY/MD
 Sample : VSTD10063
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10063

Quant Time: Aug 12 14:04:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 12 14:00:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	481737	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	460778	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	247026	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	339028	167.26	ug/L	0.00
7) Chloroethane-d5	1.58	69	292079	204.84	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	621362	162.77	ug/L	0.00
21) 2-Butanone-d5	3.92	46	597160	482.17	ug/L	0.00
24) Chloroform-d	4.40	84	767480	176.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	485186	189.00	ug/L	0.00
32) Benzene-d6	5.10	84	1577379	185.17	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	492146	202.08	ug/L	0.00
41) Toluene-d8	7.36	98	1459807	182.14	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	254139	198.46	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	477510	488.49	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	722142	214.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	616340	177.99	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	420958	101.970	ug/L	99
3) Chloromethane	1.25	50	389844	126.960	ug/L	99
5) Vinyl chloride	1.32	62	396051	136.541	ug/L	100
6) Bromomethane	1.53	94	221196	132.012	ug/L	100
8) Chloroethane	1.60	64	226161	145.805	ug/L	99
9) Trichlorofluoromethane	1.77	101	514637	110.380	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	290124	127.174	ug/L	99
12) 1,1-Dichloroethene	2.14	96	276390	131.266	ug/L	96
13) Acetone	2.18	43	429636	305.223	ug/L	99
14) Carbon disulfide	2.32	76	884008	120.109	ug/L	99
15) Methyl Acetate	2.45	43	370395	134.873	ug/L	100
16) Methylene chloride	2.53	84	344281	112.050	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	326514	112.367	ug/L	100
18) Methyl tert-butyl Ether	2.80	73	1021710	110.987	ug/L	99
19) 1,1-Dichloroethane	3.23	63	599257	115.835	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	371600	113.103	ug/L	99
22) 2-Butanone	4.01	43	574356	281.417	ug/L	99
23) Bromochloromethane	4.30	128	189298	106.549	ug/L	97
25) Chloroform	4.42	83	620491	108.481	ug/L	99
27) 1,2-Dichloroethane	5.18	62	471894	106.119	ug/L	99
29) Cyclohexane	4.73	56	564382	125.683	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	537849	101.809	ug/L	100
31) Carbon tetrachloride	4.88	117	485618	99.036	ug/L	100
33) Benzene	5.15	78	1371003	115.655	ug/L	100
34) Trichloroethene	5.96	95	351580	110.231	ug/L	99
35) Methylcyclohexane	6.18	83	598277	117.347	ug/L	99
37) 1,2-Dichloropropane	6.22	63	343832	119.523	ug/L	99
38) Bromodichloromethane	6.55	83	467643	107.551	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	589560	121.466	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1024914	274.228	ug/L	99

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42) Toluene	7.43	91	1478662	113.355	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	520639	118.211	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	343397	110.536	ug/L	99
46) Tetrachloroethene	8.02	164	299899	99.830	ug/L	98
48) 2-Hexanone	8.18	43	814538	283.106	ug/L	98
49) Dibromochloromethane	8.29	129	398552	103.299	ug/L	100
50) 1,2-Dibromoethane	8.40	107	370988	109.541	ug/L	100
51) Chlorobenzene	8.92	112	964382	109.211	ug/L	99
52) Ethylbenzene	9.05	91	1658004	114.147	ug/L	99
53) m,p-Xylene	9.18	106	643337	112.219	ug/L	99
54) o-xylene	9.59	106	634606	112.694	ug/L	98
55) Styrene	9.60	104	1090339	115.066	ug/L	98
56) Isopropylbenzene	9.97	105	1656154	111.673	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	570210	118.100	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	438529	114.569	ug/L	99
61) Bromoform	9.77	173	297079	97.203	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	793276	105.860	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	802010	106.632	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	787922	104.505	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	126441	109.136	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	612497	103.807	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	532785	109.296	ug/L	99
69) Naphthalene	13.55	128	1682960	123.747	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	547497	107.026	ug/L	100

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

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