

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070820\
 Data File : VV017389.D
 Acq On : 08 Jul 2020 11:11
 Operator : SY/MD
 Sample : VSTD10061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10061

Quant Time: Jul 09 01:18:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 09 01:14:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	320902	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	315804	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170750	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	169182	79.68	ug/L	0.00
7) Chloroethane-d5	1.58	69	114914	88.39	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	378153	99.67	ug/L	0.00
21) 2-Butanone-d5	3.90	46	245919	158.70	ug/L	0.00
24) Chloroform-d	4.38	84	389720	87.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	274766	90.62	ug/L	0.00
32) Benzene-d6	5.08	84	687730	79.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	195415	74.08	ug/L	0.00
41) Toluene-d8	7.34	98	678006	85.06	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	120479	85.20	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	184944	162.83	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	276163	78.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	290630	83.65	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	319757	118.227	ug/L	100
3) Chloromethane	1.25	50	225489	96.993	ug/L	100
5) Vinyl chloride	1.32	62	231791	101.435	ug/L	97
6) Bromomethane	1.53	94	119943	119.475	ug/L	95
8) Chloroethane	1.60	64	115716	102.190	ug/L	99
9) Trichlorofluoromethane	1.76	101	431084	118.845	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	199357	111.961	ug/L	99
12) 1,1-Dichloroethene	2.13	96	181911	110.814	ug/L	93
13) Acetone	2.18	43	259955	218.289	ug/L	98
14) Carbon disulfide	2.31	76	561272	97.591	ug/L	100
15) Methyl Acetate	2.44	43	202327	85.295	ug/L	98
16) Methylene chloride	2.52	84	208764	90.977	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	199786	92.881	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	674422	94.955	ug/L	99
19) 1,1-Dichloroethane	3.21	63	359790	89.798	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	218435	93.695	ug/L	100
22) 2-Butanone	3.99	43	298509	178.975	ug/L	93
23) Bromochloromethane	4.28	128	118784	95.676	ug/L	99
25) Chloroform	4.40	83	409791	97.669	ug/L	99
27) 1,2-Dichloroethane	5.15	62	361308	101.669	ug/L	100
29) Cyclohexane	4.70	56	313072	82.761	ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	409472	100.498	ug/L	99
31) Carbon tetrachloride	4.86	117	375365	105.444	ug/L	100
33) Benzene	5.13	78	788150	86.538	ug/L	100
34) Trichloroethene	5.94	95	224390	90.391	ug/L	98
35) Methylcyclohexane	6.15	83	346703	89.484	ug/L	99
37) 1,2-Dichloropropane	6.20	63	189233	80.893	ug/L	100
38) Bromodichloromethane	6.53	83	317475	98.501	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	338005	91.215	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	560154	170.718	ug/L	99

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42) Toluene	7.41	91	893518	92.075	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	358140	98.590	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	205323	89.355	ug/L	97
46) Tetrachloroethene	8.00	164	195821	98.990	ug/L	94
48) 2-Hexanone	8.16	43	443457	171.912	ug/L	100
49) Dibromochloromethane	8.27	129	265732	104.843	ug/L	100
50) 1,2-Dibromoethane	8.37	107	226867	93.556	ug/L	100
51) Chlorobenzene	8.90	112	589506	92.517	ug/L	100
52) Ethylbenzene	9.03	91	1039437	96.446	ug/L	99
53) m,p-Xylene	9.16	106	393775	97.867	ug/L	99
54) o-xylene	9.57	106	380348	95.927	ug/L	100
55) Styrene	9.58	104	664884	98.918	ug/L	99
56) Isopropylbenzene	9.95	105	1065413	99.631	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	311871	89.139	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	265046	89.725	ug/L	98
61) Bromoform	9.75	173	202599	112.877	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	511429	95.395	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	508669	93.589	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	508179	95.080	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	86913	102.220	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	395021	98.100	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	365195	99.822	ug/L	100
69) Naphthalene	13.52	128	1089923	104.115	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	366800	101.430	ug/L	100

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

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