

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080619\
 Data File : VV012109.D
 Acq On : 06 Aug 2019 11:10
 Operator : SY/MD
 Sample : VSTD10066
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100661

Quant Time: Aug 06 17:56:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 17:52:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	281028	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	261044	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	142567	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	151358	98.53	ug/L	0.00
7) Chloroethane-d5	1.56	69	100929	92.56	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	260750	97.91	ug/L	0.00
21) 2-Butanone-d5	3.92	46	227649	203.39	ug/L	0.00
24) Chloroform-d	4.40	84	379212	98.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	241070	97.36	ug/L	0.00
32) Benzene-d6	5.10	84	733115	97.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	210447	96.71	ug/L	0.00
41) Toluene-d8	7.36	98	710120	98.04	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	125697	101.60	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	183435	202.98	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.26	84	293784	95.79	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	319742	95.36	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	213452	107.536	ug/L	98
3) Chloromethane	1.25	50	148898	105.644	ug/L	97
5) Vinyl chloride	1.32	62	144841	106.467	ug/L	98
6) Bromomethane	1.51	94	84673	107.206	ug/L	100
8) Chloroethane	1.58	64	74811	105.000	ug/L	99
9) Trichlorofluoromethane	1.76	101	240930	108.923	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	117916	108.747	ug/L	99
12) 1,1-Dichloroethene	2.14	96	109676	107.417	ug/L	93
13) Acetone	2.19	43	137196	179.773	ug/L	100
14) Carbon disulfide	2.31	76	375131	108.722	ug/L	100
15) Methyl Acetate	2.45	43	140918	105.533	ug/L	100
16) Methylene chloride	2.53	84	162635	104.981	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	156995	108.893	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	538547	108.709	ug/L	100
19) 1,1-Dichloroethane	3.23	63	283750	107.923	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	181426	106.837	ug/L	93
22) 2-Butanone	4.01	43	210998	214.531	ug/L	99
23) Bromochloromethane	4.30	128	101202	108.377	ug/L	98
25) Chloroform	4.42	83	317476	106.527	ug/L	99
27) 1,2-Dichloroethane	5.18	62	252618	109.060	ug/L	100
29) Cyclohexane	4.72	56	236766	108.467	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	303263	109.364	ug/L	99
31) Carbon tetrachloride	4.87	117	279006	108.456	ug/L	99
33) Benzene	5.14	78	644741	107.294	ug/L	100
34) Trichloroethene	5.96	95	180387	108.003	ug/L	99
35) Methylcyclohexane	6.17	83	270017	108.617	ug/L	99
37) 1,2-Dichloropropane	6.22	63	160431	109.458	ug/L	99
38) Bromodichloromethane	6.55	83	248752	107.883	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	281288	108.854	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	405259	214.832	ug/L	100

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42) Toluene	7.43	91	721449	108.050	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	268519	110.080	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	169532	107.302	ug/L	98
46) Tetrachloroethene	8.02	164	166843	107.214	ug/L	97
48) 2-Hexanone	8.18	43	307297	216.073	ug/L	100
49) Dibromochloromethane	8.29	129	222792	108.666	ug/L	99
50) 1,2-Dibromoethane	8.40	107	188065	107.631	ug/L	99
51) Chlorobenzene	8.92	112	486825	108.142	ug/L	98
52) Ethylbenzene	9.05	91	824251	110.019	ug/L	99
53) m,p-Xylene	9.18	106	318839	110.320	ug/L	94
54) o-Xylene	9.59	106	312068	108.814	ug/L	98
55) Styrene	9.60	104	539110	111.589	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.28	83	263318	108.377	ug/L	99
59) Bromoform	9.77	173	183434	109.689	ug/L	99
60) Isopropylbenzene	9.97	105	846183	108.422	ug/L	100
61) 1,2,3-Trichloropropane	10.32	75	204447	105.607	ug/L	99
62) 1,3,5-Trimethylbenzene	10.58	105	732270	109.505	ug/L	99
63) 1,2,4-Trimethylbenzene	10.95	105	729731	108.607	ug/L	100
64) 1,3-Dichlorobenzene	11.23	146	423591	107.569	ug/L	100
65) 1,4-Dichlorobenzene	11.32	146	426987	107.273	ug/L	99
67) 1,2-Dichlorobenzene	11.69	146	434465	108.134	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.47	75	65139	102.096	ug/L	98
69) 1,3,5-Trichlorobenzene	12.69	180	352179	110.325	ug/L	99
70) 1,2,4-trichlorobenzene	13.31	180	320330	115.734	ug/L	100
71) Naphthalene	13.55	128	854521	121.813	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	320690	115.135	ug/L	99

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

