

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013868.D
 Acq On : 02 Dec 2019 13:00
 Operator : SY/MD
 Sample : VSTD10061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10061

Quant Time: Dec 03 01:27:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 03 01:23:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	690794	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	658934	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	413944	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	406590	101.52	ug/L	0.00
7) Chloroethane-d5	1.58	69	419448	120.86	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	877944	119.11	ug/L	0.00
21) 2-Butanone-d5	3.92	46	631420	214.49	ug/L	0.00
24) Chloroform-d	4.40	84	874573	101.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	534273	94.81	ug/L	0.00
32) Benzene-d6	5.09	84	1742000	99.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	519307	93.11	ug/L	0.00
41) Toluene-d8	7.35	98	1670182	104.32	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	259012	100.19	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	423445	209.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	823233	113.58	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	784755	95.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	592095	103.350 ug/L	99
3) Chloromethane	1.25	50	536902	99.799 ug/L	98
5) Vinyl chloride	1.32	62	571711	111.131 ug/L	98
6) Bromomethane	1.52	94	349517	134.223 ug/L	99
8) Chloroethane	1.60	64	377040	124.866 ug/L	99
9) Trichlorofluoromethane	1.77	101	882234	123.883 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	499608	123.986 ug/L	99
12) 1,1-Dichloroethene	2.14	96	475463	123.871 ug/L	97
13) Acetone	2.18	43	741029	250.778 ug/L	99
14) Carbon disulfide	2.32	76	1266803	100.524 ug/L	100
15) Methyl Acetate	2.45	43	499032	100.587 ug/L	100
16) Methylene chloride	2.53	84	496916	101.408 ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	477004	105.353 ug/L	98
18) Methyl tert-butyl Ether	2.80	73	1454317	106.066 ug/L	100
19) 1,1-Dichloroethane	3.23	63	852419	100.392 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	534768	107.953 ug/L	100
22) 2-Butanone	4.00	43	812968	223.324 ug/L	98
23) Bromochloromethane	4.29	128	284613	108.471 ug/L	99
25) Chloroform	4.42	83	886244	100.418 ug/L	99
27) 1,2-Dichloroethane	5.17	62	660814	98.985 ug/L	100
29) Cyclohexane	4.72	56	785238	104.706 ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	774080	104.857 ug/L	100
31) Carbon tetrachloride	4.87	117	691403	104.949 ug/L	99
33) Benzene	5.14	78	1935080	103.696 ug/L	100
34) Trichloroethene	5.96	95	509741	102.068 ug/L	99
35) Methylcyclohexane	6.17	83	830840	108.837 ug/L	99
37) 1,2-Dichloropropane	6.22	63	473451	97.605 ug/L	100
38) Bromodichloromethane	6.55	83	670153	104.080 ug/L	100
39) cis-1,3-Dichloropropene	7.06	75	788474	106.182 ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	1282532	207.869 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	2045500	105.533	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	691386	107.328	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	466895	101.643	ug/L	98
46) Tetrachloroethene	8.02	164	463649	107.758	ug/L	97
48) 2-Hexanone	8.18	43	1024292	211.526	ug/L	97
49) Dibromochloromethane	8.29	129	571920	107.435	ug/L	99
50) 1,2-Dibromoethane	8.39	107	503242	103.517	ug/L	99
51) Chlorobenzene	8.92	112	1354203	104.147	ug/L	99
52) Ethylbenzene	9.05	91	2289734	108.542	ug/L	100
53) m,p-Xylene	9.18	106	896363	111.288	ug/L	98
54) o-xylene	9.58	106	866333	110.750	ug/L	100
55) Styrene	9.60	104	1522190	112.026	ug/L	98
56) Isopropylbenzene	9.97	105	2321058	111.294	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	805879	114.134	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	650843	110.600	ug/L	100
61) Bromoform	9.77	173	465418	96.720	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	1277291	101.828	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	1338464	102.648	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	1263390	100.556	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	176733	101.611	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	1047338	106.425	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	977032	112.797	ug/L	99
69) Naphthalene	13.54	128	2580649	111.518	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	976240	105.603	ug/L	99

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

