

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120720\
 Data File : VV019490.D
 Acq On : 07 Dec 2020 13:45
 Operator : SY/MD
 Sample : VSTD20063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20063

Quant Time: Dec 07 14:11:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 07 13:33:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346419	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340914	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169355	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	424358	130.18	ug/L	0.00
7) Chloroethane-d5	1.56	69	542875	202.90	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.12	63	987591	165.27	ug/L	0.00
21) 2-Butanone-d5	3.89	46	713099	351.94	ug/L	0.00
24) Chloroform-d	4.37	84	994799	180.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	671385	184.79	ug/L	0.00
32) Benzene-d6	5.07	84	1922800	191.69	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	652106	194.77	ug/L	0.00
41) Toluene-d8	7.33	98	1720819	192.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	333092	207.27	ug/L	0.00
47) 2-Hexanone-d5	8.10	63	507258	406.58	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	825904	193.09	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	626918	192.48	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.13	85	281576	109.574	ug/L	98
3) Chloromethane	1.24	50	323116	95.762	ug/L	96
5) Vinyl chloride	1.32	62	402660	120.277	ug/L	99
6) Bromomethane	1.52	94	525810	240.267	ug/L	100
8) Chloroethane	1.58	64	302572	140.018	ug/L	98
9) Trichlorofluoromethane	1.76	101	641299	148.588	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	383631	163.055	ug/L	99
12) 1,1-Dichloroethene	2.13	96	366445	152.475	ug/L	94
13) Acetone	2.17	43	734146	432.516	ug/L	99
14) Carbon disulfide	2.30	76	973696	141.190	ug/L	100
15) Methyl Acetate	2.44	43	643323	195.522	ug/L	99
16) Methylene chloride	2.52	84	487041	169.408	ug/L	99
17) trans-1,2-Dichloroethene	2.77	96	419785	172.569	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	1652420	207.245	ug/L	99
19) 1,1-Dichloroethane	3.21	63	980650	191.432	ug/L	100
20) cis-1,2-Dichloroethene	3.93	96	507718	188.127	ug/L	96
22) 2-Butanone	3.97	43	1059602	482.073	ug/L	98
23) Bromochloromethane	4.27	128	241067	169.821	ug/L	97
25) Chloroform	4.40	83	962658	187.154	ug/L	99
27) 1,2-Dichloroethane	5.15	62	803512	197.328	ug/L	99
29) Cyclohexane	4.70	56	753799	211.086	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	808742	195.932	ug/L	99
31) Carbon tetrachloride	4.85	117	662233	188.222	ug/L	98
33) Benzene	5.12	78	1938537	191.367	ug/L	100
34) Trichloroethene	5.93	95	508470	179.960	ug/L	99
35) Methylcyclohexane	6.15	83	682417	204.915	ug/L	98
37) 1,2-Dichloropropane	6.19	63	584470	204.933	ug/L	100
38) Bromodichloromethane	6.53	83	759891	202.229	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	896197	215.539	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	1900748	468.491	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	2002530	191.713	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	904634	218.707	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	513851	195.621	ug/L	99
46) Tetrachloroethene	7.99	164	324899	169.636	ug/L	98
48) 2-Hexanone	8.15	43	1488743	462.722	ug/L	98
49) Dibromochloromethane	8.26	129	561165	195.518	ug/L	100
50) 1,2-Dibromoethane	8.37	107	520943	189.056	ug/L	100
51) Chlorobenzene	8.90	112	1269194	184.451	ug/L	100
52) Ethylbenzene	9.03	91	2270661	201.966	ug/L	99
53) m,p-Xylene	9.16	106	808776	196.291	ug/L	96
54) o-xylene	9.56	106	809536	201.880	ug/L	100
55) Styrene	9.58	104	1450038	201.539	ug/L	100
56) Isopropylbenzene	9.95	105	2175731	205.151	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	856651	212.341	ug/L	97
59) 1,2,3-Trichloropropane	10.29	75	718204	194.717	ug/L	99
61) Bromoform	9.75	173	414044	214.186	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	990577	201.245	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	1001282	193.770	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	1034892	204.353	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	230756	256.901	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	771547	213.769	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	757641	237.740	ug/L	99
69) Naphthalene	13.52	128	2257937	278.443	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	758958	228.442	ug/L	99

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

