

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017851.D
 Acq On : 08 Aug 2020 13:03
 Operator : SY/MD
 Sample : VSTD20066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20066

Quant Time: Aug 10 02:01:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 01:57:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	258645	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	254686	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157603	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	280238	219.38	ug/L	0.00
7) Chloroethane-d5	1.58	69	229722	211.14	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	666165	218.30	ug/L	0.00
21) 2-Butanone-d5	3.91	46	370238	403.42	ug/L	0.00
24) Chloroform-d	4.37	84	723547	210.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	528749	210.24	ug/L	0.00
32) Benzene-d6	5.07	84	1191791	199.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	307570	191.02	ug/L	0.00
41) Toluene-d8	7.34	98	1223398	208.48	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	229737	213.13	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	256067	377.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	493963	199.41	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	627206	202.25	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	419455	168.403	ug/L 98
3) Chloromethane	1.24	50	248368	150.662	ug/L 99
5) Vinyl chloride	1.32	62	301652	170.515	ug/L 97
6) Bromomethane	1.53	94	213258	197.792	ug/L 100
8) Chloroethane	1.59	64	184957	170.576	ug/L 99
9) Trichlorofluoromethane	1.76	101	723618	200.574	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	329512	197.752	ug/L 100
12) 1,1-Dichloroethene	2.13	96	299076	194.039	ug/L 92
13) Acetone	2.20	43	401773	347.793	ug/L 98
14) Carbon disulfide	2.30	76	799445	175.167	ug/L 99
15) Methyl Acetate	2.45	43	249710	166.800	ug/L 99
16) Methylene chloride	2.52	84	311999	173.937	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	311357	181.866	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	1091721	192.830	ug/L 99
19) 1,1-Dichloroethane	3.21	63	517578	174.230	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	347508	188.750	ug/L 98
22) 2-Butanone	3.99	43	399061	376.895	ug/L 99
23) Bromochloromethane	4.27	128	201471	191.722	ug/L 99
25) Chloroform	4.40	83	655618	187.212	ug/L 100
27) 1,2-Dichloroethane	5.15	62	594733	192.703	ug/L 100
29) Cyclohexane	4.70	56	412392	167.657	ug/L 98
30) 1,1,1-Trichloroethane	4.63	97	699281	191.317	ug/L 99
31) Carbon tetrachloride	4.85	117	644745	194.695	ug/L 99
33) Benzene	5.12	78	1175840	175.121	ug/L 100
34) Trichloroethene	5.94	95	355988	183.747	ug/L 99
35) Methylcyclohexane	6.15	83	515324	182.565	ug/L 98
37) 1,2-Dichloropropane	6.20	63	264010	173.277	ug/L 98
38) Bromodichloromethane	6.53	83	497995	182.183	ug/L 98
39) cis-1,3-Dichloropropene	7.05	75	529940	189.725	ug/L 95
40) 4-Methyl-2-pentanone	7.25	43	715388	345.492	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1396817	186.279	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	570777	198.902	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	322029	182.295	ug/L	99
46) Tetrachloroethene	8.00	164	337721	193.848	ug/L	96
48) 2-Hexanone	8.16	43	600629	360.461	ug/L	99
49) Dibromochloromethane	8.27	129	422019	187.199	ug/L	98
50) 1,2-Dibromoethane	8.37	107	364610	188.513	ug/L	99
51) Chlorobenzene	8.90	112	971509	187.138	ug/L	98
52) Ethylbenzene	9.03	91	1657117	191.644	ug/L	99
53) m,p-Xylene	9.16	106	636573	192.111	ug/L	99
54) o-xylene	9.57	106	623269	194.457	ug/L	99
55) Styrene	9.58	104	1105384	198.609	ug/L	97
56) Isopropylbenzene	9.95	105	1767981	200.879	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	466985	183.526	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	413847	184.061	ug/L	98
61) Bromoform	9.75	173	328593	180.363	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	930122	185.862	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	941628	185.782	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	947437	189.824	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	143837	187.974	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	767880	195.806	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	694408	203.504	ug/L	99
69) Naphthalene	13.52	128	1841483	206.102	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	674178	198.281	ug/L	100

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

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