

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020620\
 Data File : VV014514.D
 Acq On : 06 Feb 2020 11:33
 Operator : SY/MD
 Sample : VSTD10063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100204

Quant Time: Feb 07 01:07:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 07 01:04:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	401309	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	374570	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	187479	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	223634	99.64	ug/L	0.00
7) Chloroethane-d5	1.58	69	153840	96.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	334012	88.02	ug/L	0.00
21) 2-Butanone-d5	3.92	46	371396	222.31	ug/L	0.00
24) Chloroform-d	4.40	84	524054	94.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	321978	91.09	ug/L	0.00
32) Benzene-d6	5.10	84	1083895	98.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	336435	104.22	ug/L	0.00
41) Toluene-d8	7.36	98	1006672	95.82	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	181559	100.33	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	300607	222.59	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.25	84	436232	97.11	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	375786	86.39	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	325343	111.207	ug/L	99
3) Chloromethane	1.26	50	325260	142.490	ug/L	100
5) Vinyl chloride	1.33	62	249465	120.488	ug/L	99
6) Bromomethane	1.53	94	116179	101.844	ug/L	98
8) Chloroethane	1.60	64	121616	113.165	ug/L	99
9) Trichlorofluoromethane	1.77	101	341008	105.965	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	161262	102.957	ug/L	99
12) 1,1-Dichloroethene	2.14	96	151022	101.494	ug/L	95
13) Acetone	2.18	43	267993	233.716	ug/L	99
14) Carbon disulfide	2.32	76	754634	137.400	ug/L	100
15) Methyl Acetate	2.45	43	281184	133.316	ug/L	100
16) Methylene chloride	2.54	84	289815	122.162	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	277526	125.246	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	874779	117.544	ug/L	100
19) 1,1-Dichloroethane	3.23	63	491612	121.944	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	311748	121.188	ug/L	99
22) 2-Butanone	4.00	43	441205	281.061	ug/L	95
23) Bromochloromethane	4.30	128	148626	108.010	ug/L	99
25) Chloroform	4.42	83	499605	112.144	ug/L	99
27) 1,2-Dichloroethane	5.18	62	379598	110.722	ug/L	100
29) Cyclohexane	4.73	56	464923	134.696	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	440812	108.070	ug/L	99
31) Carbon tetrachloride	4.87	117	387660	103.565	ug/L	99
33) Benzene	5.14	78	1125044	122.241	ug/L	100
34) Trichloroethene	5.96	95	294289	117.030	ug/L	99
35) Methylcyclohexane	6.17	83	476473	124.635	ug/L	100
37) 1,2-Dichloropropane	6.22	63	287835	127.225	ug/L	100
38) Bromodichloromethane	6.55	83	388890	113.327	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	496341	125.607	ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	757864	257.945	ug/L	100

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42) Toluene	7.43	91	1198646	118.826	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	437774	118.960	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	272380	114.552	ug/L	99
46) Tetrachloroethene	8.02	164	224905	99.489	ug/L	99
48) 2-Hexanone	8.18	43	597645	266.502	ug/L	98
49) Dibromochloromethane	8.29	129	316997	105.916	ug/L	99
50) 1,2-Dibromoethane	8.39	107	297340	113.355	ug/L	98
51) Chlorobenzene	8.92	112	772568	114.245	ug/L	100
52) Ethylbenzene	9.05	91	1339344	118.008	ug/L	99
53) m,p-Xylene	9.18	106	511614	117.360	ug/L	99
54) o-Xylene	9.58	106	493429	114.761	ug/L	99
55) Styrene	9.60	104	858654	117.834	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.28	83	432878	117.551	ug/L	100
59) Bromoform	9.77	173	218822	99.569	ug/L	98
60) Isopropylbenzene	9.97	105	1294714	120.122	ug/L	100
61) 1,2,3-Trichloropropane	10.31	75	339440	124.050	ug/L	100
62) 1,3,5-Trimethylbenzene	10.58	105	1122752	120.459	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	1105431	119.958	ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	605878	112.786	ug/L	100
65) 1,4-Dichlorobenzene	11.31	146	619519	113.610	ug/L	99
67) 1,2-Dichlorobenzene	11.68	146	587400	108.460	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	98378	112.733	ug/L	99
69) 1,3,5-Trichlorobenzene	12.69	180	435473	103.083	ug/L	99
70) 1,2,4-trichlorobenzene	13.30	180	407868	109.745	ug/L	99
71) Naphthalene	13.54	128	1334149	134.331	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	395852	107.239	ug/L	100

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

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