

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020620\
 Data File : VV014515.D
 Acq On : 06 Feb 2020 11:56
 Operator : SY/MD
 Sample : VSTD20064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200205

Quant Time: Feb 07 01:08:11 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	411741	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	382627	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	192637	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	435129	188.96	ug/L	0.00
7) Chloroethane-d5	1.57	69	289985	177.13	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.13	63	651926	167.45	ug/L	0.00
21) 2-Butanone-d5	3.92	46	739254	431.30	ug/L	0.00
24) Chloroform-d	4.40	84	1034759	181.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	626123	172.64	ug/L	0.00
32) Benzene-d6	5.10	84	2097253	186.78	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	655272	198.71	ug/L	0.00
41) Toluene-d8	7.36	98	1949403	181.64	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	356743	192.98	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	595771	431.85	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.25	84	854104	186.13	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	731021	163.55	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	640393	213.349	ug/L	99
3) Chloromethane	1.26	50	617086	263.484	ug/L	100
5) Vinyl chloride	1.32	62	486042	228.804	ug/L	100
6) Bromomethane	1.52	94	218432	186.628	ug/L	98
8) Chloroethane	1.59	64	232441	210.809	ug/L	100
9) Trichlorofluoromethane	1.77	101	673145	203.874	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	311130	193.606	ug/L	100
12) 1,1-Dichloroethene	2.14	96	297149	194.638	ug/L	98
13) Acetone	2.19	43	522028	443.725	ug/L	99
14) Carbon disulfide	2.32	76	1493920	265.113	ug/L	100
15) Methyl Acetate	2.45	43	561254	259.362	ug/L	100
16) Methylene chloride	2.54	84	567592	233.189	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	536910	236.166	ug/L	100
18) Methyl tert-butyl Ether	2.80	73	1718089	225.010	ug/L	100
19) 1,1-Dichloroethane	3.23	63	969830	234.471	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	608799	230.666	ug/L	98
22) 2-Butanone	4.00	43	859046	533.373	ug/L	94
23) Bromochloromethane	4.29	128	298651	211.539	ug/L	99
25) Chloroform	4.42	83	983837	215.242	ug/L	98
27) 1,2-Dichloroethane	5.17	62	744925	211.777	ug/L	100
29) Cyclohexane	4.72	56	909144	257.849	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	867032	208.086	ug/L	99
31) Carbon tetrachloride	4.87	117	776998	203.207	ug/L	100
33) Benzene	5.14	78	2194381	233.409	ug/L	100
34) Trichloroethene	5.95	95	578322	225.138	ug/L	100
35) Methylcyclohexane	6.17	83	934289	239.244	ug/L	99
37) 1,2-Dichloropropane	6.22	63	563546	243.846	ug/L	100
38) Bromodichloromethane	6.55	83	769108	219.407	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	989322	245.092	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1496744	498.702	ug/L	99

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42) Toluene	7.43	91	2329656	226.084	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	860897	229.012	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	536535	220.893	ug/L	100
46) Tetrachloroethene	8.02	164	441466	191.176	ug/L	98
48) 2-Hexanone	8.18	43	1170399	510.914	ug/L	98
49) Dibromochloromethane	8.29	129	633805	207.309	ug/L	99
50) 1,2-Dibromoethane	8.39	107	597802	223.101	ug/L	99
51) Chlorobenzene	8.92	112	1519574	219.979	ug/L	100
52) Ethylbenzene	9.05	91	2606577	224.827	ug/L	98
53) m,p-Xylene	9.18	106	996075	223.680	ug/L	98
54) o-Xylene	9.58	106	946272	215.449	ug/L	99
55) Styrene	9.60	104	1659133	222.890	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	857780	228.032	ug/L	100
59) Bromoform	9.77	173	450649	199.565	ug/L	98
60) Isopropylbenzene	9.97	105	2516295	227.208	ug/L	100
61) 1,2,3-Trichloropropane	10.31	75	677593	241.000	ug/L	100
62) 1,3,5-Trimethylbenzene	10.58	105	2185249	228.175	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	2158223	227.933	ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	1195221	216.536	ug/L	99
65) 1,4-Dichlorobenzene	11.31	146	1211007	216.133	ug/L	99
67) 1,2-Dichlorobenzene	11.68	146	1153603	207.302	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	201540	224.764	ug/L	98
69) 1,3,5-Trichlorobenzene	12.69	180	868465	200.074	ug/L	99
70) 1,2,4-trichlorobenzene	13.30	180	823416	215.623	ug/L	99
71) Naphthalene	13.54	128	2666788	261.320	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	792460	208.935	ug/L	99

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

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