

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014650.D
 Acq On : 21 Feb 2020 13:17
 Operator : SY/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20065

Quant Time: Feb 21 22:34:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 21 22:29:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	237684	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	226831	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	114056	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	207324	227.33	ug/L	0.00
7) Chloroethane-d5	1.58	69	143532	221.75	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	366366	233.14	ug/L	0.00
21) 2-Butanone-d5	3.92	46	366811	468.91	ug/L	-0.02
24) Chloroform-d	4.40	84	644854	234.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	410937	238.94	ug/L	0.00
32) Benzene-d6	5.10	84	1230251	220.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	361904	217.03	ug/L	0.00
41) Toluene-d8	7.36	98	1165865	217.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	217935	237.21	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	302639	448.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	484892	211.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	443774	214.18	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	341710	201.486	ug/L	100
3) Chloromethane	1.25	50	183553	132.196	ug/L	99
5) Vinyl chloride	1.33	62	195794	190.206	ug/L	100
6) Bromomethane	1.53	94	105817	201.836	ug/L	99
8) Chloroethane	1.60	64	100842	194.323	ug/L	100
9) Trichlorofluoromethane	1.77	101	405491	218.343	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	166057	209.904	ug/L	99
12) 1,1-Dichloroethene	2.14	96	148141	202.872	ug/L	93
13) Acetone	2.19	43	274168	399.441	ug/L	94
14) Carbon disulfide	2.32	76	669591	190.261	ug/L	99
15) Methyl Acetate	2.46	43	254928	206.168	ug/L	98
16) Methylene chloride	2.54	84	300176	196.151	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	282472	196.342	ug/L	96
18) Methyl tert-butyl Ether	2.80	73	971578	208.587	ug/L	99
19) 1,1-Dichloroethane	3.23	63	513478	203.098	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	332585	199.554	ug/L	97
22) 2-Butanone	4.01	43	401964	409.099	ug/L	91
23) Bromochloromethane	4.30	128	167694	204.965	ug/L	97
25) Chloroform	4.42	83	592797	209.715	ug/L	99
27) 1,2-Dichloroethane	5.17	62	454969	217.845	ug/L	98
29) Cyclohexane	4.72	56	427921	189.957	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	538198	215.145	ug/L	99
31) Carbon tetrachloride	4.87	117	489830	217.043	ug/L	98
33) Benzene	5.14	78	1160015	195.111	ug/L	100
34) Trichloroethene	5.96	95	321186	198.502	ug/L	99
35) Methylcyclohexane	6.17	83	494822	195.948	ug/L	99
37) 1,2-Dichloropropane	6.22	63	284746	193.798	ug/L	98
38) Bromodichloromethane	6.55	83	459523	210.532	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	540234	207.759	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	693017	380.107	ug/L	100

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42) Toluene	7.43	91	1267084	195.343	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	498278	211.287	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	303356	197.995	ug/L	98
46) Tetrachloroethene	8.02	164	246183	194.964	ug/L	98
48) 2-Hexanone	8.18	43	553404	385.065	ug/L	99
49) Dibromochloromethane	8.29	129	385528	211.186	ug/L	99
50) 1,2-Dibromoethane	8.39	107	338451	204.077	ug/L	99
51) Chlorobenzene	8.92	112	850681	195.960	ug/L	99
52) Ethylbenzene	9.05	91	1445965	196.202	ug/L	99
53) m,p-Xylene	9.18	106	552189	191.402	ug/L	98
54) o-xylene	9.58	106	532367	193.119	ug/L	98
55) Styrene	9.60	104	917404	194.390	ug/L	96
56) Isopropylbenzene	9.97	105	1438168	195.891	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	467642	193.956	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	380005	198.599	ug/L	100
61) Bromoform	9.77	173	270002	216.513	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	677066	195.381	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	690314	196.525	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	666297	195.122	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	124193	220.280	ug/L	96
67) 1,3,5-Trichlorobenzene	12.68	180	512699	204.379	ug/L	100
68) 1,2,4-trichlorobenzene	13.30	180	495396	213.619	ug/L	99
69) Naphthalene	13.54	128	1646858	221.731	ug/L	99
70) 1,2,3-Trichlorobenzene	13.78	180	499169	221.164	ug/L	100

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

