

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021220\
 Data File : VV014568.D
 Acq On : 12 Feb 2020 12:18
 Operator : SY/MD
 Sample : VSTD20064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20064

Quant Time: Feb 13 04:53:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 13 04:49:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	305751	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	290986	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	149478	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	248440	156.34	ug/L	0.00
7) Chloroethane-d5	1.57	69	167745	167.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	401267	183.67	ug/L	0.00
21) 2-Butanone-d5	3.92	46	436618	395.08	ug/L	0.00
24) Chloroform-d	4.40	84	728319	206.74	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	449116	209.21	ug/L	0.00
32) Benzene-d6	5.10	84	1422381	190.57	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	431330	184.28	ug/L	0.00
41) Toluene-d8	7.36	98	1366358	197.28	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	249582	206.20	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	360620	395.14	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	579281	190.75	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	525814	195.04	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	435808	177.247	ug/L	99
3) Chloromethane	1.26	50	361885	146.247	ug/L	97
5) Vinyl chloride	1.33	62	277670	140.376	ug/L	98
6) Bromomethane	1.52	94	141721	201.230	ug/L	100
8) Chloroethane	1.59	64	134890	153.120	ug/L	98
9) Trichlorofluoromethane	1.77	101	480985	198.812	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	201311	180.730	ug/L	98
12) 1,1-Dichloroethene	2.14	96	186199	167.654	ug/L	97
13) Acetone	2.19	43	331649	345.282	ug/L	99
14) Carbon disulfide	2.32	76	929226	170.978	ug/L	99
15) Methyl Acetate	2.45	43	333444	184.088	ug/L	100
16) Methylene chloride	2.53	84	388380	179.321	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	365293	185.949	ug/L	98
18) Methyl tert-butyl Ether	2.80	73	1205961	198.404	ug/L	100
19) 1,1-Dichloroethane	3.23	63	657340	185.148	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	431147	195.302	ug/L	95
22) 2-Butanone	4.00	43	545422	400.590	ug/L	98
23) Bromochloromethane	4.29	128	216463	208.492	ug/L	99
25) Chloroform	4.42	83	716938	195.981	ug/L	99
27) 1,2-Dichloroethane	5.17	62	554674	212.744	ug/L	100
29) Cyclohexane	4.72	56	579871	171.419	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	650806	210.665	ug/L	99
31) Carbon tetrachloride	4.87	117	588074	216.652	ug/L	99
33) Benzene	5.14	78	1505422	181.031	ug/L	100
34) Trichloroethene	5.96	95	413497	194.640	ug/L	98
35) Methylcyclohexane	6.17	83	644131	184.933	ug/L	99
37) 1,2-Dichloropropane	6.22	63	377140	181.778	ug/L	100
38) Bromodichloromethane	6.55	83	568327	202.324	ug/L	96
39) cis-1,3-Dichloropropene	7.06	75	694821	202.177	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	942419	376.567	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1643466	187.713	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	620086	201.571	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	387023	195.089	ug/L	99
46) Tetrachloroethene	8.02	164	321150	203.199	ug/L	99
48) 2-Hexanone	8.18	43	754853	390.086	ug/L	97
49) Dibromochloromethane	8.29	129	476322	214.682	ug/L	100
50) 1,2-Dibromoethane	8.39	107	427300	200.688	ug/L	99
51) Chlorobenzene	8.92	112	1092435	193.127	ug/L	98
52) Ethylbenzene	9.05	91	1861339	188.800	ug/L	100
53) m,p-Xylene	9.18	106	719464	195.083	ug/L	99
54) o-xylene	9.58	106	681779	186.982	ug/L	99
55) Styrene	9.60	104	1183896	192.881	ug/L	98
56) Isopropylbenzene	9.97	105	1827603	194.633	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	608506	191.245	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	482030	193.605	ug/L	100
61) Bromoform	9.77	173	337110	217.225	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	881289	194.368	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	899134	192.314	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	855863	191.689	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	149530	209.249	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	641349	208.229	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	611159	217.221	ug/L	100
69) Naphthalene	13.54	128	1954822	219.582	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	587797	216.590	ug/L	99

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

