

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013869.D
 Acq On : 02 Dec 2019 13:24
 Operator : SY/MD
 Sample : VSTD20062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20062

Quant Time: Dec 03 01:27:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 03 01:23:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	739527	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	690571	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	401149	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	840224	195.96	ug/L	0.00
7) Chloroethane-d5	1.57	69	810200	218.08	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.13	63	1794455	227.42	ug/L	0.00
21) 2-Butanone-d5	3.92	46	1346372	427.23	ug/L	0.00
24) Chloroform-d	4.40	84	1792701	193.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	1094010	181.35	ug/L	0.00
32) Benzene-d6	5.09	84	3559258	194.75	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	1098463	187.93	ug/L	0.00
41) Toluene-d8	7.35	98	3336065	198.83	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	557989	205.96	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	973528	459.98	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	1505331	198.17	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	1530340	192.81	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	1205702	196.586	ug/L	99
3) Chloromethane	1.25	50	1094921	190.112	ug/L	99
5) Vinyl chloride	1.32	62	1213965	220.425	ug/L	97
6) Bromomethane	1.51	94	676920	242.824	ug/L	100
8) Chloroethane	1.59	64	757914	234.461	ug/L	99
9) Trichlorofluoromethane	1.76	101	1755437	230.255	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1016796	235.707	ug/L	99
12) 1,1-Dichloroethene	2.14	96	975465	237.389	ug/L	96
13) Acetone	2.18	43	1507392	476.513	ug/L	97
14) Carbon disulfide	2.31	76	2600286	192.741	ug/L	99
15) Methyl Acetate	2.45	43	1046794	197.093	ug/L	100
16) Methylene chloride	2.53	84	1022087	194.836	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	983731	202.953	ug/L	98
18) Methyl tert-butyl Ether	2.80	73	3050384	207.809	ug/L	100
19) 1,1-Dichloroethane	3.22	63	1763493	194.006	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	1112210	209.725	ug/L	99
22) 2-Butanone	4.00	43	1733529	444.824	ug/L	98
23) Bromochloromethane	4.29	128	591347	210.521	ug/L	98
25) Chloroform	4.42	83	1804552	190.996	ug/L	99
27) 1,2-Dichloroethane	5.17	62	1386752	194.036	ug/L	99
29) Cyclohexane	4.72	56	1662445	211.519	ug/L	99
30) 1,1,1-Trichloroethane	4.65	97	1590064	205.523	ug/L	100
31) Carbon tetrachloride	4.87	117	1463942	212.034	ug/L	99
33) Benzene	5.14	78	3980548	203.536	ug/L	100
34) Trichloroethene	5.95	95	1032136	197.201	ug/L	98
35) Methylcyclohexane	6.17	83	1712152	214.011	ug/L	99
37) 1,2-Dichloropropane	6.22	63	969490	190.710	ug/L	99
38) Bromodichloromethane	6.55	83	1364349	202.186	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	1666788	214.180	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	2692019	416.325	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	4251125	209.280	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	1484008	219.818	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	970723	201.645	ug/L	99
46) Tetrachloroethene	8.02	164	977011	216.666	ug/L	95
48) 2-Hexanone	8.18	43	2208318	435.147	ug/L	98
49) Dibromochloromethane	8.29	129	1198248	214.779	ug/L	99
50) 1,2-Dibromoethane	8.39	107	1059259	207.907	ug/L	99
51) Chlorobenzene	8.92	112	2843372	208.656	ug/L	99
52) Ethylbenzene	9.05	91	4756356	215.140	ug/L	98
53) m,p-Xylene	9.18	106	1887585	223.617	ug/L	99
54) o-xylene	9.58	106	1819847	221.987	ug/L	98
55) Styrene	9.60	104	3176983	223.100	ug/L	98
56) Isopropylbenzene	9.97	105	4817246	220.404	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	1525175	206.110	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	1239200	200.934	ug/L	100
61) Bromoform	9.77	173	1018859	218.485	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	2497141	205.427	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	2518675	199.320	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	2456374	201.743	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	360070	213.621	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	2089342	219.081	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	1967945	234.444	ug/L	99
69) Naphthalene	13.55	128	5309664	236.765	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	1948116	217.456	ug/L	100

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

