

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082418\
 Data File : VV007172.D
 Acq On : 24 Aug 2018 15:42
 Operator : SY/MD
 Sample : VSTD20067
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20067

Quant Time: Aug 24 23:21:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 23:19:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	755532	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	722348	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	384074	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1040151	214.88	ug/L	0.00
7) Chloroethane-d5	1.58	69	810072	250.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	1794781	202.67	ug/L	0.00
21) 2-Butanone-d5	3.95	46	1628495	407.93	ug/L	0.00
24) Chloroform-d	4.41	84	1999946	197.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	1216554	198.48	ug/L	0.00
32) Benzene-d6	5.10	84	4241428	210.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	1350282	203.38	ug/L	0.00
41) Toluene-d8	7.37	98	3884713	219.04	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	645255	225.77	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	1186765	512.41	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	1812718	191.72	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	1524887	197.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	1147539	170.456	ug/L 100
3) Chloromethane	1.25	50	1314014	153.747	ug/L 99
5) Vinyl chloride	1.32	62	1225556	174.109	ug/L 99
6) Bromomethane	1.52	94	366668	200.365	ug/L 99
8) Chloroethane	1.59	64	700821	180.325	ug/L 98
9) Trichlorofluoromethane	1.77	101	1516556	177.440	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	928823	178.281	ug/L 99
12) 1,1-Dichloroethene	2.14	96	884529	178.132	ug/L 93
13) Acetone	2.19	43	956128	310.790	ug/L 100
14) Carbon disulfide	2.32	76	2689269	177.566	ug/L 100
15) Methyl Acetate	2.46	43	987463	174.908	ug/L 99
16) Methylene chloride	2.54	84	995577	174.503	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	958636	178.431	ug/L 99
18) Methyl tert-butyl Ether	2.81	73	2989459	182.042	ug/L 100
19) 1,1-Dichloroethane	3.23	63	1967863	177.731	ug/L 99
20) cis-1,2-Dichloroethene	3.97	96	1218607	194.494	ug/L 99
22) 2-Butanone	4.04	43	1776707	365.404	ug/L 98
23) Bromochloromethane	4.31	128	584321	182.005	ug/L 100
25) Chloroform	4.43	83	1958679	180.479	ug/L 99
27) 1,2-Dichloroethane	5.19	62	1482568	180.828	ug/L 99
29) Cyclohexane	4.73	56	1856768	207.194	ug/L 100
30) 1,1,1-Trichloroethane	4.66	97	1651382	182.320	ug/L 100
31) Carbon tetrachloride	4.88	117	1435399	187.974	ug/L 100
33) Benzene	5.15	78	4591366	188.397	ug/L 100
34) Trichloroethene	5.96	95	1103601	189.550	ug/L 99
35) Methylcyclohexane	6.18	83	1986138	213.624	ug/L 97
37) 1,2-Dichloropropane	6.23	63	1213419	186.565	ug/L 100
38) Bromodichloromethane	6.56	83	1477003	189.746	ug/L 99
39) cis-1,3-Dichloropropene	7.08	75	1917618	217.833	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	3080965	391.387	ug/L 94

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42) Toluene	7.44	91	4709547	199.878	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	1763644	215.658	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	1109960	182.998	ug/L	99
46) Tetrachloroethene	8.02	164	919367	194.000	ug/L	100
48) 2-Hexanone	8.19	43	2446013	391.745	ug/L	98
49) Dibromochloromethane	8.30	129	1201454	196.915	ug/L	99
50) 1,2-Dibromoethane	8.40	107	1138303	189.979	ug/L	97
51) Chlorobenzene	8.93	112	3042043	194.574	ug/L	99
52) Ethylbenzene	9.06	91	5163827	215.549	ug/L	99
53) m,p-Xylene	9.19	106	2001312	218.356	ug/L	98
54) o-xylene	9.59	106	1963906	221.473	ug/L	100
55) Styrene	9.61	104	3398095	222.239	ug/L	99
56) Isopropylbenzene	9.98	105	5033065	224.512	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	1830723	176.699	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	1442214	173.212	ug/L	98
61) Bromoform	9.78	173	890789	172.473	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	2342819	189.473	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	2450848	186.949	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	2442568	180.851	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	387946	203.828	ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	1872245	219.083	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	1674342	286.663	ug/L	99
69) Naphthalene	13.56	128	5056949	320.065	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	1735847	273.786	ug/L	99

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

