

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007735.D
 Acq On : 22 Sep 2018 15:14
 Operator : SY/MD
 Sample : VSTD20067
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20067

Quant Time: Sep 24 02:14:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 02:11:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	197421	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	200106	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121449	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	213706	217.43	ug/L	0.00
7) Chloroethane-d5	1.57	69	195784	214.59	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.14	63	505945	207.13	ug/L	0.00
21) 2-Butanone-d5	3.95	46	303055	429.91	ug/L	0.00
24) Chloroform-d	4.41	84	469814	230.74	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	303520	216.73	ug/L	0.00
32) Benzene-d6	5.11	84	906170	207.22	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	266092	206.86	ug/L	0.00
41) Toluene-d8	7.36	98	978756	215.78	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	154998	243.09	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	263475	438.47	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	449025	209.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	486469	203.98	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	267565	189.111	ug/L	99
3) Chloromethane	1.25	50	217119	195.957	ug/L	100
5) Vinyl chloride	1.33	62	254136	200.593	ug/L	99
6) Bromomethane	1.52	94	203055	271.871	ug/L	98
8) Chloroethane	1.59	64	160272	177.057	ug/L	98
9) Trichlorofluoromethane	1.77	101	513769	191.102	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	290560	190.371	ug/L	98
12) 1,1-Dichloroethene	2.15	96	261177	194.153	ug/L	96
13) Acetone	2.19	43	267612	388.605	ug/L	98
14) Carbon disulfide	2.32	76	706505	214.439	ug/L	100
15) Methyl Acetate	2.46	43	262559	196.703	ug/L	100
16) Methylene chloride	2.54	84	281275	189.542	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	286791	195.438	ug/L	100
18) Methyl tert-butyl Ether	2.81	73	878278	195.597	ug/L	100
19) 1,1-Dichloroethane	3.23	63	373974	196.253	ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	269986	201.414	ug/L	99
22) 2-Butanone	4.03	43	326748	407.045	ug/L	99
23) Bromochloromethane	4.31	128	150470	205.136	ug/L	98
25) Chloroform	4.43	83	451814	187.825	ug/L	97
27) 1,2-Dichloroethane	5.19	62	368351	203.714	ug/L	99
29) Cyclohexane	4.73	56	340162	190.593	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	429219	196.488	ug/L	99
31) Carbon tetrachloride	4.88	117	406907	208.950	ug/L	100
33) Benzene	5.15	78	941364	193.539	ug/L	100
34) Trichloroethene	5.96	95	274172	196.043	ug/L	98
35) Methylcyclohexane	6.18	83	427460	197.907	ug/L	98
37) 1,2-Dichloropropane	6.23	63	236238	193.085	ug/L	100
38) Bromodichloromethane	6.56	83	354895	213.905	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	419878	221.134	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	646550	395.464	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	1139536	200.505	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	415209	230.899	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	269092	196.766	ug/L	99
46) Tetrachloroethene	8.02	164	281919	196.404	ug/L	98
48) 2-Hexanone	8.19	43	521790	408.024	ug/L	96
49) Dibromochloromethane	8.30	129	352159	227.838	ug/L	100
50) 1,2-Dibromoethane	8.40	107	311269	207.328	ug/L	100
51) Chlorobenzene	8.93	112	814948	199.120	ug/L	98
52) Ethylbenzene	9.06	91	1333366	205.267	ug/L	100
53) m,p-Xylene	9.19	106	534605	207.146	ug/L	99
54) o-xylene	9.59	106	529943	206.857	ug/L	100
55) Styrene	9.61	104	935819	215.604	ug/L	98
56) Isopropylbenzene	9.98	105	1438234	210.798	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	446329	193.825	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	346841	192.016	ug/L	99
61) Bromoform	9.78	173	296086	232.682	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	751094	195.892	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	763739	195.295	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	761752	190.876	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	107741	228.710	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	644641	211.794	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	599029	237.350	ug/L	99
69) Naphthalene	13.56	128	1676626	257.487	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	606035	232.788	ug/L	99

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

