

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092518\
 Data File : VV007852.D
 Acq On : 25 Sep 2018 13:17
 Operator : SY/MD
 Sample : VSTD10067
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10067

Quant Time: Sep 26 04:27:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 26 04:25:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	205413	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	207419	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	118780	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	127558	99.07	ug/L	0.00
7) Chloroethane-d5	1.58	69	112041	100.76	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	273750	99.77	ug/L	0.00
21) 2-Butanone-d5	3.95	46	198143	228.32	ug/L	0.00
24) Chloroform-d	4.41	84	284272	106.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	193158	101.28	ug/L	0.00
32) Benzene-d6	5.11	84	558339	100.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	173819	99.92	ug/L	0.00
41) Toluene-d8	7.36	98	574332	102.57	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	90130	108.83	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	165148	231.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	268425	104.54	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	261053	98.86	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	145194	99.669 ug/L	99
3) Chloromethane	1.26	50	135983	97.048 ug/L	100
5) Vinyl chloride	1.33	62	147634	98.164 ug/L	98
6) Bromomethane	1.53	94	86404	103.744 ug/L	97
8) Chloroethane	1.60	64	92987	99.126 ug/L	97
9) Trichlorofluoromethane	1.77	101	248265	98.519 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	136336	96.807 ug/L	99
12) 1,1-Dichloroethene	2.15	96	123005	97.436 ug/L	89
13) Acetone	2.19	43	183240	175.271 ug/L	99
14) Carbon disulfide	2.32	76	338754	102.735 ug/L	99
15) Methyl Acetate	2.46	43	153169	99.869 ug/L	99
16) Methylene chloride	2.54	84	138248	98.852 ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	133386	98.925 ug/L	99
18) Methyl tert-butyl Ether	2.81	73	421020	100.215 ug/L	100
19) 1,1-Dichloroethane	3.24	63	232222	100.360 ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	148285	101.497 ug/L	99
22) 2-Butanone	4.03	43	236445	197.360 ug/L	99
23) Bromochloromethane	4.31	128	77493	101.948 ug/L	98
25) Chloroform	4.43	83	273490	99.584 ug/L	98
27) 1,2-Dichloroethane	5.19	62	215417	98.969 ug/L	98
29) Cyclohexane	4.73	56	221651	99.925 ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	234144	99.668 ug/L	99
31) Carbon tetrachloride	4.88	117	213212	102.725 ug/L	99
33) Benzene	5.15	78	558485	100.129 ug/L	100
34) Trichloroethene	5.96	95	148969	96.283 ug/L	99
35) Methylcyclohexane	6.18	83	243795	100.439 ug/L	98
37) 1,2-Dichloropropane	6.23	63	146534	98.512 ug/L	99
38) Bromodichloromethane	6.56	83	197239	104.770 ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	231857	107.368 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	441803	210.179 ug/L	99

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42) Toluene	7.44	91	638129	101.544	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	234859	109.424	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	148112	99.641	ug/L	98
46) Tetrachloroethene	8.02	164	145073	97.579	ug/L	99
48) 2-Hexanone	8.19	43	362866	218.414	ug/L	99
49) Dibromochloromethane	8.30	129	177398	109.145	ug/L	98
50) 1,2-Dibromoethane	8.40	107	164802	103.110	ug/L	99
51) Chlorobenzene	8.93	112	431397	99.178	ug/L	100
52) Ethylbenzene	9.06	91	732589	103.202	ug/L	100
53) m,p-Xylene	9.19	106	278601	103.013	ug/L	99
54) o-xylene	9.59	106	276722	105.331	ug/L	99
55) Styrene	9.61	104	487867	108.418	ug/L	97
56) Isopropylbenzene	9.98	105	750850	104.857	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	250323	103.046	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	199407	100.702	ug/L	99
61) Bromoform	9.78	173	138678	110.713	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	374744	100.833	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	385416	97.589	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	383785	99.512	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	53350	105.726	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	312997	99.897	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	278770	105.452	ug/L	99
69) Naphthalene	13.56	128	741749	114.702	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	282756	105.638	ug/L	99

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

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