

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100518\
 Data File : VU027445.D
 Acq On : 05 Oct 2018 10:57
 Operator : MD/SY
 Sample : VSTD00551
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00551

Quant Time: Oct 06 04:41:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 06 04:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	226833	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	209735	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100768	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	8492	4.76	ug/L	0.00
7) Chloroethane-d5	1.68	69	6341	4.61	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	16201	4.84	ug/L	0.00
21) 2-Butanone-d5	4.19	46	12531	8.70	ug/L	0.00
24) Chloroform-d	4.65	84	12118	4.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	9846	4.92	ug/L	0.00
32) Benzene-d6	5.34	84	27942	4.65	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	9693	4.71	ug/L	0.00
41) Toluene-d8	7.57	98	25186	4.69	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	4749	4.79	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	8626	8.30	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	13081	4.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	10472	5.31	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	12140	5.397 ug/L	99
3) Chloromethane	1.33	50	13428	5.195 ug/L	100
5) Vinyl chloride	1.40	62	13430	5.317 ug/L	97
6) Bromomethane	1.63	94	5542	5.021 ug/L	98
8) Chloroethane	1.70	64	8704	5.750 ug/L	92
9) Trichlorofluoromethane	1.89	101	13030	5.154 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	7870	5.243 ug/L	99
12) 1,1-Dichloroethene	2.29	96	7773	5.305 ug/L	99
13) Acetone	2.32	43	12781	10.813 ug/L	99
14) Carbon disulfide	2.48	76	31642	5.879 ug/L	99
15) Methyl Acetate	2.62	43	12197	5.150 ug/L	99
16) Methylene chloride	2.70	84	9264	5.206 ug/L	93
17) trans-1,2-Dichloroethene	2.99	96	8722	5.375 ug/L	98
18) Methyl tert-butyl Ether	3.00	73	26849	4.977 ug/L	99
19) 1,1-Dichloroethane	3.45	63	17030	5.083 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	9280	5.156 ug/L	95
22) 2-Butanone	4.27	43	17094	10.103 ug/L	97
23) Bromochloromethane	4.55	128	4060	4.946 ug/L	98
25) Chloroform	4.68	83	17563	5.426 ug/L	96
27) 1,2-Dichloroethane	5.41	62	13542	5.210 ug/L	100
29) Cyclohexane	5.00	56	15857	4.985 ug/L	97
30) 1,1,1-Trichloroethane	4.92	97	13103	5.222 ug/L	99
31) Carbon tetrachloride	5.14	117	10827	5.130 ug/L	95
33) Benzene	5.39	78	35374	5.132 ug/L	100
34) Trichloroethene	6.19	95	8757	5.283 ug/L	94
35) Methylcyclohexane	6.42	83	14647	5.086 ug/L	98
37) 1,2-Dichloropropane	6.44	63	10175	5.096 ug/L	# 97
38) Bromodichloromethane	6.76	83	11559	5.094 ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	14462	4.929 ug/L	97
40) 4-Methyl-2-pentanone	7.47	43	28031	9.586 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	34478	4.986	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	13414	4.925	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	8230	5.134	ug/L	99
46) Tetrachloroethene	8.23	164	6554	5.320	ug/L	97
48) 2-Hexanone	8.37	43	22215	9.621	ug/L	98
49) Dibromochloromethane	8.48	129	8167	4.886	ug/L	97
50) 1,2-Dibromoethane	8.59	107	8885	5.225	ug/L	96
51) Chlorobenzene	9.12	112	23249	5.318	ug/L	98
52) Ethylbenzene	9.25	91	38589	5.026	ug/L	100
53) m,p-Xylene	9.38	106	13982	4.975	ug/L	97
54) o-xylene	9.78	106	13242	4.891	ug/L	97
55) Styrene	9.79	104	21899	4.723	ug/L	99
56) Isopropylbenzene	10.17	105	34585	4.874	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.46	83	14508	5.166	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	11931	5.278	ug/L	100
61) Bromoform	9.96	173	6020	5.258	ug/L #	93
62) 1,3-Dichlorobenzene	11.42	146	16952	5.405	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	18088	5.529	ug/L	94
65) 1,2-Dichlorobenzene	11.88	146	17302	5.419	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	2920	4.934	ug/L	91
67) 1,3,5-Trichlorobenzene	12.89	180	13160	5.431	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	12080	5.421	ug/L	96
69) Naphthalene	13.75	128	31436	4.575	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	12196	5.382	ug/L	98

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

