

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100518\
 Data File : VU027443.D
 Acq On : 05 Oct 2018 10:11
 Operator : MD/SY
 Sample : VSTD20055
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20055

Quant Time: Oct 06 04:13:32 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	223569	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	214222	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113706	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	369553	210.04	ug/L	0.00
7) Chloroethane-d5	1.66	69	280782	207.15	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.27	63	689620	208.95	ug/L	0.00
21) 2-Butanone-d5	4.18	46	637467	448.81	ug/L	0.00
24) Chloroform-d	4.65	84	623604	221.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	406402	206.08	ug/L	0.00
32) Benzene-d6	5.34	84	1284169	209.16	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	441027	209.72	ug/L	0.00
41) Toluene-d8	7.57	98	1150324	209.62	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	218675	215.79	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	496964	467.89	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	603176	219.33	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	452969	203.62	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	453912	204.731	ug/L	100
3) Chloromethane	1.33	50	528337	207.384	ug/L	100
5) Vinyl chloride	1.40	62	515707	207.156	ug/L	98
6) Bromomethane	1.60	94	244291	224.550	ug/L	99
8) Chloroethane	1.68	64	291952	195.689	ug/L	100
9) Trichlorofluoromethane	1.88	101	505776	202.970	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	303550	205.187	ug/L	100
12) 1,1-Dichloroethene	2.28	96	293602	203.301	ug/L	91
13) Acetone	2.32	43	442359	379.715	ug/L	99
14) Carbon disulfide	2.48	76	1073043	202.276	ug/L	100
15) Methyl Acetate	2.61	43	484477	207.532	ug/L	99
16) Methylene chloride	2.70	84	359023	204.684	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	327187	204.589	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	1128328	212.198	ug/L	100
19) 1,1-Dichloroethane	3.45	63	685329	207.537	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	370471	208.827	ug/L	99
22) 2-Butanone	4.26	43	707696	424.372	ug/L	100
23) Bromochloromethane	4.55	128	170241	210.429	ug/L	99
25) Chloroform	4.67	83	632463	198.266	ug/L	99
27) 1,2-Dichloroethane	5.40	62	519855	202.916	ug/L	100
29) Cyclohexane	5.00	56	690308	212.447	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	523370	204.193	ug/L	99
31) Carbon tetrachloride	5.13	117	448447	208.015	ug/L	99
33) Benzene	5.39	78	1436206	204.018	ug/L	100
34) Trichloroethene	6.19	95	344693	203.601	ug/L	99
35) Methylcyclohexane	6.42	83	627952	213.476	ug/L	99
37) 1,2-Dichloropropane	6.43	63	418112	205.003	ug/L	100
38) Bromodichloromethane	6.76	83	484841	209.195	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	648863	216.512	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	1310959	438.942	ug/L	100

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42) Toluene	7.64	91	1468006	207.835	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	602353	216.535	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	335934	205.184	ug/L	99
46) Tetrachloroethene	8.23	164	259956	206.607	ug/L	98
48) 2-Hexanone	8.37	43	1028709	436.206	ug/L	99
49) Dibromochloromethane	8.48	129	367671	215.368	ug/L	96
50) 1,2-Dibromoethane	8.59	107	357863	206.028	ug/L	99
51) Chlorobenzene	9.12	112	916843	205.316	ug/L	99
52) Ethylbenzene	9.25	91	1666097	212.438	ug/L	99
53) m,p-Xylene	9.38	106	607429	211.607	ug/L	99
54) o-xylene	9.78	106	599719	216.865	ug/L	99
55) Styrene	9.79	104	1056772	223.157	ug/L	99
56) Isopropylbenzene	10.17	105	1592781	219.780	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	614489	214.211	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	490178	212.283	ug/L	99
61) Bromoform	9.96	173	275624	213.334	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	732594	207.014	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	742941	201.264	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	723832	200.924	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	142931	214.025	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	563358	206.043	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	533143	212.037	ug/L	100
69) Naphthalene	13.74	128	1742920	224.802	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	526260	205.818	ug/L	99

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

