

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU025982.D
 Acq On : 08 Aug 2018 20:54
 Operator : MD/SY
 Sample : VSTD20046
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20046

Quant Time: Aug 09 01:28:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 09 01:26:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	325715	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	317858	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	174953	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	473743	249.33	ug/L	0.00
7) Chloroethane-d5	1.66	69	367683	254.42	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.27	63	874489	234.39	ug/L	0.00
21) 2-Butanone-d5	4.18	46	798945	583.55	ug/L	0.00
24) Chloroform-d	4.65	84	1007070	266.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	659246	263.66	ug/L	0.00
32) Benzene-d6	5.34	84	1945107	257.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	624384	264.19	ug/L	0.00
41) Toluene-d8	7.57	98	1905543	261.35	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	334972	272.85	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	630098	624.41	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	944471	283.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	837060	266.72	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	556492	218.42	ug/L	99
3) Chloromethane	1.33	50	492311	227.24	ug/L	99
5) Vinyl chloride	1.40	62	491621	214.60	ug/L	98
6) Bromomethane	1.60	94	221458	206.87	ug/L	99
8) Chloroethane	1.68	64	282262	213.18	ug/L	96
9) Trichlorofluoromethane	1.88	101	679013	207.30	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	385357	207.57	ug/L	99
12) 1,1-Dichloroethene	2.28	96	360552	213.07	ug/L	93
13) Acetone	2.32	43	445520	312.85	ug/L	98
14) Carbon disulfide	2.47	76	1238892	208.75	ug/L	99
15) Methyl Acetate	2.61	43	488954	212.11	ug/L	98
16) Methylene chloride	2.70	84	452759	208.70	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	417085	204.91	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	1399560	215.39	ug/L	99
19) 1,1-Dichloroethane	3.45	63	793948	213.25	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	481864	211.48	ug/L	100
22) 2-Butanone	4.26	43	706375	388.47	ug/L	99
23) Bromochloromethane	4.55	128	254842	211.29	ug/L	98
25) Chloroform	4.67	83	834437	211.46	ug/L	99
27) 1,2-Dichloroethane	5.41	62	666707	210.30	ug/L	99
29) Cyclohexane	5.00	56	718852	211.97	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	759255	206.43	ug/L	99
31) Carbon tetrachloride	5.14	117	708927	214.48	ug/L	100
33) Benzene	5.39	78	1752403	207.87	ug/L	100
34) Trichloroethene	6.19	95	461312	198.53	ug/L	98
35) Methylcyclohexane	6.42	83	757524	214.76	ug/L	99
37) 1,2-Dichloropropane	6.44	63	480286	212.80	ug/L	100
38) Bromodichloromethane	6.76	83	646870	211.39	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	763494	208.90	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	1389265	449.16	ug/L	99

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42) Toluene	7.64	91	1938036	211.14	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	752322	219.20	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	459456	211.91	ug/L	97
46) Tetrachloroethene	8.23	164	402222	202.41	ug/L	99
48) 2-Hexanone	8.37	43	1099023	443.98	ug/L	99
49) Dibromochloromethane	8.48	129	585277	221.32	ug/L	100
50) 1,2-Dibromoethane	8.59	107	511203	212.68	ug/L	100
51) Chlorobenzene	9.12	112	1304790	208.50	ug/L	99
52) Ethylbenzene	9.25	91	2208920	213.41	ug/L	100
53) m,p-Xylene	9.38	106	859509	211.49	ug/L	98
54) o-xylene	9.78	106	849398	218.98	ug/L	99
55) Styrene	9.80	104	1475236	226.20	ug/L	99
56) Isopropylbenzene	10.17	105	2250678	218.69	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	811524	222.26	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	635606	220.74	ug/L	99
61) Bromoform	9.96	173	469163	229.03	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	1089453	207.95	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	1104876	205.92	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1115113	209.55	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	188959	228.23	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	825826	212.82	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	747206	225.04	ug/L	100
69) Naphthalene	13.74	128	2460781	245.02	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	780390	224.74	ug/L	99

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

