

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080319\
 Data File : VU033585.D
 Acq On : 03 Aug 2019 12:04
 Operator : JC/SP
 Sample : VSTD20033
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20033

Quant Time: Aug 05 05:30:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 05 05:25:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	348100	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	337214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	188266	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	488072	195.10	ug/L	0.00
7) Chloroethane-d5	1.67	69	590556	271.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	903201	196.71	ug/L	0.00
21) 2-Butanone-d5	4.16	46	798005	464.93	ug/L	0.00
24) Chloroform-d	4.62	84	899536	209.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	557626	206.06	ug/L	0.00
32) Benzene-d6	5.32	84	1804834	214.31	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	577601	219.08	ug/L	0.00
41) Toluene-d8	7.55	98	1733269	219.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	295098	225.15	ug/L	0.00
47) 2-Hexanone-d5	8.30	63	644745	511.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	886337	216.57	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	717013	206.46	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	609946	189.091	ug/L	100
3) Chloromethane	1.32	50	614717	188.517	ug/L	99
5) Vinyl chloride	1.39	62	681823	194.755	ug/L	99
6) Bromomethane	1.62	94	446899	143.803	ug/L	99
8) Chloroethane	1.69	64	658113	309.266	ug/L	100
9) Trichlorofluoromethane	1.87	101	919893	200.368	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	454833	194.717	ug/L	99
12) 1,1-Dichloroethene	2.27	96	439460	197.487	ug/L	99
13) Acetone	2.32	43	629040	366.419	ug/L	100
14) Carbon disulfide	2.46	76	1268830	183.189	ug/L	99
15) Methyl Acetate	2.60	43	579055	210.593	ug/L	100
16) Methylene chloride	2.68	84	503199	196.648	ug/L	99
17) trans-1,2-Dichloroethene	2.96	96	467143	200.085	ug/L	99
18) Methyl tert-butyl Ether	2.98	73	1546478	215.801	ug/L	99
19) 1,1-Dichloroethane	3.42	63	895460	202.983	ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	543230	205.788	ug/L	97
22) 2-Butanone	4.24	43	910222	442.993	ug/L	100
23) Bromochloromethane	4.52	128	267692	195.967	ug/L	98
25) Chloroform	4.65	83	915849	197.682	ug/L	99
27) 1,2-Dichloroethane	5.38	62	720341	201.321	ug/L	99
29) Cyclohexane	4.97	56	790373	217.567	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	785930	204.041	ug/L	99
31) Carbon tetrachloride	5.11	117	704233	209.417	ug/L	100
33) Benzene	5.37	78	1994550	206.731	ug/L	100
34) Trichloroethene	6.16	95	516506	203.200	ug/L	97
35) Methylcyclohexane	6.40	83	854508	215.878	ug/L	98
37) 1,2-Dichloropropane	6.41	63	542187	208.078	ug/L	100
38) Bromodichloromethane	6.74	83	706601	210.639	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	894243	221.298	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	1675763	463.299	ug/L	99

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42) Toluene	7.62	91	2205555	213.002	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	807777	222.038	ug/L	96
45) 1,1,2-Trichloroethane	8.05	97	510985	207.531	ug/L	100
46) Tetrachloroethene	8.21	164	423922	205.154	ug/L	99
48) 2-Hexanone	8.35	43	1355694	465.475	ug/L	99
49) Dibromochloromethane	8.46	129	599987	214.582	ug/L	98
50) 1,2-Dibromoethane	8.57	107	568639	209.750	ug/L	100
51) Chlorobenzene	9.10	112	1390727	205.279	ug/L	100
52) Ethylbenzene	9.23	91	2433093	218.214	ug/L	99
53) m,p-Xylene	9.36	106	920429	214.462	ug/L	99
54) o-xylene	9.76	106	919723	222.160	ug/L	98
55) Styrene	9.77	104	1606065	228.238	ug/L	98
56) Isopropylbenzene	10.15	105	2417276	222.965	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	941879	211.694	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	720633	209.549	ug/L	98
61) Bromoform	9.94	173	481461	213.323	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	1163230	203.059	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	1180868	198.101	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	1171100	202.141	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	232581	214.076	ug/L	96
67) 1,3,5-Trichlorobenzene	12.87	180	935409	203.338	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	863767	220.213	ug/L	100
69) Naphthalene	13.73	128	2609146	231.367	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	865402	209.871	ug/L	100

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

