

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032319\
 Data File : VU030341.D
 Acq On : 23 Mar 2019 14:59
 Operator : JC/SP
 Sample : VSTD20049
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20049

Quant Time: Mar 24 01:47:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Mar 24 01:42:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	452442	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	448863	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228537	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	705549	221.45	ug/L	0.00
7) Chloroethane-d5	1.66	69	548172	215.96	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.27	63	1330479	225.94	ug/L	0.00
21) 2-Butanone-d5	4.17	46	1423358	560.55	ug/L	0.00
24) Chloroform-d	4.64	84	1237363	212.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	790451	232.33	ug/L	0.00
32) Benzene-d6	5.34	84	2515209	208.11	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	883055	230.22	ug/L	0.00
41) Toluene-d8	7.56	98	2314491	205.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	437376	236.74	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	1045255	519.46	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	1266176	219.16	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	876901	191.02	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	901573	220.389	ug/L	99
3) Chloromethane	1.33	50	1009148	244.547	ug/L	100
5) Vinyl chloride	1.40	62	972567	230.134	ug/L	100
6) Bromomethane	1.60	94	466531	213.037	ug/L	99
8) Chloroethane	1.68	64	535531	216.613	ug/L	99
9) Trichlorofluoromethane	1.88	101	1047869	202.288	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	600747	193.330	ug/L	100
12) 1,1-Dichloroethene	2.28	96	594465	193.346	ug/L	94
13) Acetone	2.32	43	1129522	428.794	ug/L	100
14) Carbon disulfide	2.47	76	1978214	210.659	ug/L	100
15) Methyl Acetate	2.61	43	990166	256.360	ug/L	# 100
16) Methylene chloride	2.70	84	702998	199.656	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	626793	192.728	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	2141219	222.596	ug/L	99
19) 1,1-Dichloroethane	3.44	63	1298282	224.223	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	710405	199.223	ug/L	99
22) 2-Butanone	4.26	43	1600812	511.346	ug/L	100
23) Bromochloromethane	4.55	128	327547	176.559	ug/L	94
25) Chloroform	4.67	83	1213386	204.999	ug/L	99
27) 1,2-Dichloroethane	5.40	62	969371	225.189	ug/L	99
29) Cyclohexane	4.99	56	1298287	246.294	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	1000008	201.831	ug/L	99
31) Carbon tetrachloride	5.13	117	867142	198.405	ug/L	98
33) Benzene	5.39	78	2819394	210.084	ug/L	100
34) Trichloroethene	6.18	95	692018	198.300	ug/L	98
35) Methylcyclohexane	6.41	83	1177362	214.702	ug/L	97
37) 1,2-Dichloropropane	6.43	63	791437	225.357	ug/L	100
38) Bromodichloromethane	6.75	83	953534	215.338	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	1242472	224.409	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	2794520	547.431	ug/L	100

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42) Toluene	7.63	91	2969327	205.391	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	1102166	229.561	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	671203	194.285	ug/L	99
46) Tetrachloroethene	8.22	164	490451	172.708	ug/L	98
48) 2-Hexanone	8.36	43	2271956	537.317	ug/L	99
49) Dibromochloromethane	8.48	129	730272	190.736	ug/L	98
50) 1,2-Dibromoethane	8.58	107	739340	194.279	ug/L	100
51) Chlorobenzene	9.12	112	1788204	190.057	ug/L	99
52) Ethylbenzene	9.25	91	3286579	208.988	ug/L	99
53) m,p-Xylene	9.37	106	1194434	200.917	ug/L	98
54) o-xylene	9.77	106	1171812	200.157	ug/L	99
55) Styrene	9.79	104	2082019	209.068	ug/L	96
56) Isopropylbenzene	10.16	105	3106813	204.010	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	1265320	210.795	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	982597	210.741	ug/L	100
61) Bromoform	9.95	173	566819	191.198	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	1381641	188.549	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	1394788	183.695	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1363248	182.480	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	307222	230.366	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	1059743	186.230	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	974797	194.055	ug/L	99
69) Naphthalene	13.74	128	3218936	200.012	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	966013	185.351	ug/L	99

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

