

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031919\
 Data File : VU030188.D
 Acq On : 19 Mar 2019 12:49
 Operator : JC/SP
 Sample : VSTD20048
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20048

Quant Time: Mar 20 02:29:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 02:24:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	585812	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	578923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	318281	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	781577	197.31	ug/L	0.00
7) Chloroethane-d5	1.66	69	608056	191.97	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.27	63	1395203	193.06	ug/L	0.00
21) 2-Butanone-d5	4.17	46	1230376	426.62	ug/L	0.00
24) Chloroform-d	4.64	84	1423265	195.78	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	807464	194.74	ug/L	0.00
32) Benzene-d6	5.34	84	3020650	198.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	936470	198.39	ug/L	0.00
41) Toluene-d8	7.56	98	2909971	202.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	486425	211.62	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	1104414	451.17	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	1462416	201.97	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	1218161	190.63	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	926445	186.790	ug/L	100
3) Chloromethane	1.33	50	902634	188.014	ug/L	100
5) Vinyl chloride	1.40	62	968492	190.037	ug/L	99
6) Bromomethane	1.60	94	466311	169.078	ug/L	100
8) Chloroethane	1.68	64	553435	183.672	ug/L	98
9) Trichlorofluoromethane	1.88	101	1206311	186.387	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	723864	183.934	ug/L	99
12) 1,1-Dichloroethene	2.28	96	730798	186.986	ug/L	92
13) Acetone	2.32	43	961680	313.179	ug/L	100
14) Carbon disulfide	2.47	76	2194805	188.021	ug/L	99
15) Methyl Acetate	2.61	43	843441	188.882	ug/L	99
16) Methylene chloride	2.70	84	821229	185.271	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	774376	188.011	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	2326277	196.344	ug/L	99
19) 1,1-Dichloroethane	3.44	63	1339894	189.134	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	885539	196.236	ug/L	100
22) 2-Butanone	4.26	43	1383569	390.200	ug/L	99
23) Bromochloromethane	4.54	128	451097	186.773	ug/L	99
25) Chloroform	4.67	83	1377256	186.606	ug/L	100
27) 1,2-Dichloroethane	5.40	62	985653	188.416	ug/L	100
29) Cyclohexane	4.99	56	1264778	201.069	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	1186822	190.222	ug/L	99
31) Carbon tetrachloride	5.13	117	1060880	192.070	ug/L	100
33) Benzene	5.39	78	3191901	191.101	ug/L	100
34) Trichloroethene	6.18	95	838031	190.359	ug/L	98
35) Methylcyclohexane	6.41	83	1387075	200.929	ug/L	99
37) 1,2-Dichloropropane	6.43	63	831555	194.393	ug/L	100
38) Bromodichloromethane	6.75	83	1071974	194.905	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	1401357	204.185	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	2375178	404.007	ug/L	98

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42) Toluene	7.63	91	3562370	195.951	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	1227749	206.734	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	834133	189.963	ug/L	99
46) Tetrachloroethene	8.22	164	715954	192.482	ug/L	99
48) 2-Hexanone	8.36	43	1918875	393.249	ug/L	100
49) Dibromochloromethane	8.48	129	980322	199.092	ug/L	99
50) 1,2-Dibromoethane	8.58	107	948027	194.737	ug/L	99
51) Chlorobenzene	9.12	112	2324459	193.259	ug/L	99
52) Ethylbenzene	9.25	91	3947217	199.928	ug/L	100
53) m,p-Xylene	9.37	106	1539605	202.406	ug/L	99
54) o-xylene	9.78	106	1531329	204.796	ug/L	98
55) Styrene	9.79	104	2642522	208.582	ug/L	99
56) Isopropylbenzene	10.16	105	3943149	203.972	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	1464879	195.642	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	1105259	191.173	ug/L	100
61) Bromoform	9.95	173	811846	197.519	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	1944599	191.498	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	1966118	186.661	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	1925305	185.573	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	339717	195.848	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	1541054	194.180	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	1432423	204.103	ug/L	99
69) Naphthalene	13.74	128	4636525	208.232	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	1420910	194.036	ug/L	98

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

