

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031919\
 Data File : VU030186.D
 Acq On : 19 Mar 2019 12:03
 Operator : JC/SP
 Sample : VSTD05046
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05046

Quant Time: Mar 20 02:27:50 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	538484	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	532816	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	272420	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	182214	50.04	ug/L	0.00
7) Chloroethane-d5	1.68	69	147752	50.75	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	331493	49.90	ug/L	0.00
21) 2-Butanone-d5	4.17	46	283389	106.90	ug/L	0.00
24) Chloroform-d	4.65	84	336578	50.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	194292	50.98	ug/L	0.00
32) Benzene-d6	5.34	84	716426	51.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	218415	50.27	ug/L	0.00
41) Toluene-d8	7.56	98	667619	50.57	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	106205	50.20	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	233713	103.74	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	332957	49.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	269535	49.28	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	225398	49.439	ug/L 100
3) Chloromethane	1.33	50	216024	48.951	ug/L 100
5) Vinyl chloride	1.40	62	234255	50.005	ug/L 100
6) Bromomethane	1.62	94	129399	51.042	ug/L 100
8) Chloroethane	1.70	64	138571	50.030	ug/L 100
9) Trichlorofluoromethane	1.88	101	300516	50.514	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	181699	50.228	ug/L 100
12) 1,1-Dichloroethene	2.28	96	180258	50.175	ug/L 100
13) Acetone	2.32	43	280317	99.311	ug/L 100
14) Carbon disulfide	2.48	76	532037	49.584	ug/L 100
15) Methyl Acetate	2.61	43	207360	50.518	ug/L 100
16) Methylene chloride	2.70	84	201911	49.555	ug/L 100
17) trans-1,2-Dichloroethene	2.98	96	188464	49.779	ug/L 100
18) Methyl tert-butyl Ether	3.00	73	553071	50.783	ug/L 100
19) 1,1-Dichloroethane	3.44	63	329257	50.562	ug/L 100
20) cis-1,2-Dichloroethene	4.22	96	210551	50.759	ug/L 100
22) 2-Butanone	4.26	43	346278	106.242	ug/L 100
23) Bromochloromethane	4.55	128	111293	50.130	ug/L 100
25) Chloroform	4.67	83	341215	50.295	ug/L 100
27) 1,2-Dichloroethane	5.40	62	243115	50.558	ug/L 100
29) Cyclohexane	4.99	56	295582	51.057	ug/L 100
30) 1,1,1-Trichloroethane	4.91	97	288718	50.280	ug/L 100
31) Carbon tetrachloride	5.13	117	253907	49.947	ug/L 100
33) Benzene	5.39	78	775346	50.437	ug/L 100
34) Trichloroethene	6.18	95	198000	48.868	ug/L 100
35) Methylcyclohexane	6.41	83	325933	51.300	ug/L 100
37) 1,2-Dichloropropane	6.43	63	199966	50.791	ug/L 100
38) Bromodichloromethane	6.75	83	256096	50.592	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	321225	50.854	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	553371	102.271	ug/L 100

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42) Toluene	7.63	91	856680	51.200	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	281621	51.524	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	202317	50.062	ug/L	100
46) Tetrachloroethene	8.22	164	170879	49.916	ug/L	100
48) 2-Hexanone	8.36	43	455508	101.429	ug/L	100
49) Dibromochloromethane	8.47	129	227584	50.219	ug/L	100
50) 1,2-Dibromoethane	8.58	107	227305	50.732	ug/L	100
51) Chlorobenzene	9.12	112	546408	49.360	ug/L	100
52) Ethylbenzene	9.25	91	915393	50.377	ug/L	100
53) m,p-Xylene	9.37	106	355630	50.799	ug/L	100
54) o-xylene	9.77	106	354220	51.472	ug/L	100
55) Styrene	9.79	104	604668	51.858	ug/L	100
56) Isopropylbenzene	10.16	105	904612	50.843	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	341490	49.554	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	261045	49.059	ug/L	100
61) Bromoform	9.95	173	178359	50.699	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	429113	49.372	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	439963	48.801	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	442257	49.804	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	74294	50.041	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	340247	50.090	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	299463	49.853	ug/L	100
69) Naphthalene	13.74	128	958576	50.298	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	317218	50.611	ug/L	100

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

