

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080319\
 Data File : VU033583.D
 Acq On : 03 Aug 2019 11:18
 Operator : JC/SP
 Sample : VSTD05031
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05031

Quant Time: Aug 05 05:29:52 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	314788	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	314577	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	167763	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	104845	46.35	ug/L	0.00
7) Chloroethane-d5	1.67	69	99523	50.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	197783	47.63	ug/L	0.00
21) 2-Butanone-d5	4.15	46	170368	109.76	ug/L	0.00
24) Chloroform-d	4.62	84	198028	50.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	123082	50.30	ug/L	0.00
32) Benzene-d6	5.32	84	395199	50.30	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	122713	49.89	ug/L	0.00
41) Toluene-d8	7.55	98	370536	50.41	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	60711	49.65	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	124855	106.28	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	190836	49.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	147946	47.81	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	136893	46.930	ug/L	100
3) Chloromethane	1.32	50	142973	48.486	ug/L	100
5) Vinyl chloride	1.40	62	151363	47.810	ug/L	100
6) Bromomethane	1.62	94	133544	47.519	ug/L	100
8) Chloroethane	1.69	64	96836	50.322	ug/L	100
9) Trichlorofluoromethane	1.87	101	203586	49.037	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	102393	48.474	ug/L	100
12) 1,1-Dichloroethene	2.27	96	95342	47.379	ug/L	100
13) Acetone	2.31	43	164267	105.812	ug/L	100
14) Carbon disulfide	2.46	76	283250	45.222	ug/L	100
15) Methyl Acetate	2.60	43	130889	52.640	ug/L	100
16) Methylene chloride	2.68	84	114236	49.367	ug/L	100
17) trans-1,2-Dichloroethene	2.96	96	101373	48.015	ug/L	100
18) Methyl tert-butyl Ether	2.98	73	328395	50.675	ug/L	100
19) 1,1-Dichloroethane	3.42	63	199629	50.041	ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	118173	49.504	ug/L	100
22) 2-Butanone	4.24	43	206188	110.968	ug/L	100
23) Bromochloromethane	4.52	128	60509	48.984	ug/L	100
25) Chloroform	4.65	83	210923	50.345	ug/L	100
27) 1,2-Dichloroethane	5.38	62	164048	50.700	ug/L	100
29) Cyclohexane	4.97	56	164355	48.498	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	175155	48.746	ug/L	100
31) Carbon tetrachloride	5.11	117	155726	49.640	ug/L	100
33) Benzene	5.37	78	446444	49.603	ug/L	100
34) Trichloroethene	6.16	95	112113	47.281	ug/L	100
35) Methylcyclohexane	6.40	83	179575	48.631	ug/L	100
37) 1,2-Dichloropropane	6.41	63	122956	50.583	ug/L	100
38) Bromodichloromethane	6.74	83	156002	49.851	ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	187461	49.729	ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	357646	105.994	ug/L	100

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42) Toluene	7.62	91	480266	49.720	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	167277	49.289	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	114440	49.823	ug/L	100
46) Tetrachloroethene	8.21	164	91807	47.627	ug/L	100
48) 2-Hexanone	8.34	43	289062	106.391	ug/L	100
49) Dibromochloromethane	8.46	129	129987	49.835	ug/L	100
50) 1,2-Dibromoethane	8.57	107	123807	48.954	ug/L	100
51) Chlorobenzene	9.10	112	305106	48.276	ug/L	100
52) Ethylbenzene	9.23	91	516168	49.624	ug/L	100
53) m,p-Xylene	9.36	106	198911	49.682	ug/L	100
54) o-xylene	9.76	106	194319	50.316	ug/L	100
55) Styrene	9.77	104	334572	50.967	ug/L	100
56) Isopropylbenzene	10.15	105	505011	49.933	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	208015	50.117	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	163753	51.043	ug/L	100
61) Bromoform	9.94	173	98831	49.141	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	245594	48.112	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	252735	47.580	ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	249637	48.355	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	49412	51.039	ug/L	100
67) 1,3,5-Trichlorobenzene	12.87	180	190036	46.358	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	165014	47.211	ug/L	100
69) Naphthalene	13.73	128	498597	49.617	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	174185	47.405	ug/L	100

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

