

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031400.D
 Acq On : 22 Apr 2019 18:14
 Operator : JC/SP
 Sample : VSTD05050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05050

Quant Time: Apr 23 02:59:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 02:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	715106	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	656330	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	316890	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	294388	45.08	ug/L	0.00
7) Chloroethane-d5	1.68	69	223975	40.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	517267	40.70	ug/L	0.00
21) 2-Butanone-d5	4.19	46	450207	96.09	ug/L	0.00
24) Chloroform-d	4.64	84	469421	44.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	285279	43.70	ug/L	0.00
32) Benzene-d6	5.34	84	975196	47.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	314673	47.17	ug/L	0.00
41) Toluene-d8	7.56	98	872747	48.33	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	145032	45.93	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	329468	103.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	432484	46.65	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	325607	45.10	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	263443	41.125	ug/L	100
3) Chloromethane	1.32	50	325448	42.197	ug/L	100
5) Vinyl chloride	1.40	62	330175	42.740	ug/L	100
6) Bromomethane	1.63	94	192553	38.986	ug/L	100
8) Chloroethane	1.70	64	188788	39.095	ug/L	100
9) Trichlorofluoromethane	1.88	101	403264	38.530	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	235384	42.133	ug/L	100
12) 1,1-Dichloroethene	2.28	96	231322	42.126	ug/L	100
13) Acetone	2.34	43	349905	94.410	ug/L	100
14) Carbon disulfide	2.47	76	672762	44.789	ug/L	100
15) Methyl Acetate	2.62	43	315068	48.722	ug/L	100
16) Methylene chloride	2.70	84	259045	47.502	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	237577	46.316	ug/L	100
18) Methyl tert-butyl Ether	2.99	73	775732	48.033	ug/L	100
19) 1,1-Dichloroethane	3.44	63	459250	45.515	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	265446	45.733	ug/L	100
22) 2-Butanone	4.27	43	480322	97.029	ug/L	100
23) Bromochloromethane	4.54	128	131291	45.625	ug/L	100
25) Chloroform	4.67	83	450760	44.731	ug/L	100
27) 1,2-Dichloroethane	5.40	62	329589	43.081	ug/L	100
29) Cyclohexane	4.99	56	432894	47.830	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	372785	43.951	ug/L	100
31) Carbon tetrachloride	5.13	117	320919	43.782	ug/L	100
33) Benzene	5.39	78	1001407	46.098	ug/L	100
34) Trichloroethene	6.18	95	255735	46.564	ug/L	100
35) Methylcyclohexane	6.41	83	385006	46.969	ug/L	100
37) 1,2-Dichloropropane	6.43	63	265399	45.786	ug/L	100
38) Bromodichloromethane	6.75	83	329185	45.004	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	413877	47.371	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	820234	99.574	ug/L	100

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42) Toluene	7.63	91	1061929	48.488	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	350269	46.667	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	242998	46.603	ug/L	100
46) Tetrachloroethene	8.22	164	190368	46.250	ug/L	100
48) 2-Hexanone	8.36	43	655934	100.261	ug/L	100
49) Dibromochloromethane	8.47	129	261507	46.458	ug/L	100
50) 1,2-Dibromoethane	8.58	107	263513	47.648	ug/L	100
51) Chlorobenzene	9.12	112	647318	47.426	ug/L	100
52) Ethylbenzene	9.25	91	1126627	47.379	ug/L	100
53) m,p-Xylene	9.37	106	417929	49.612	ug/L	100
54) o-xylene	9.77	106	420921	49.275	ug/L	100
55) Styrene	9.79	104	701184	49.005	ug/L	100
56) Isopropylbenzene	10.16	105	1091133	49.850	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	421813	46.879	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	332053	47.925	ug/L	100
61) Bromoform	9.95	173	198478	45.734	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	478998	45.887	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	482614	46.268	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	492136	44.961	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	93876	44.812	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	364137	46.690	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	301372	47.937	ug/L	100
69) Naphthalene	13.74	128	1052933	52.693	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	325034	47.465	ug/L	100

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

