

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037186.D
 Acq On : 12 Mar 2020 13:25
 Operator : JC/MD
 Sample : VSTD05035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05035

Quant Time: Mar 13 06:55:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 06:53:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	415706	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	409605	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	205941	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	166110	51.63	ug/L	0.00
7) Chloroethane-d5	1.93	69	135727	52.33	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	301319	51.05	ug/L	0.00
21) 2-Butanone-d5	4.67	46	263823	103.62	ug/L	0.00
24) Chloroform-d	5.10	84	322326	52.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	238719	52.72	ug/L	0.00
32) Benzene-d6	5.76	84	586992	52.06	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	191689	51.93	ug/L	0.00
41) Toluene-d8	7.92	98	564001	52.32	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	104032	51.78	ug/L	0.00
47) 2-Hexanone-d5	8.66	63	202286	105.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	289514	50.64	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	217422	50.90	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	208822	49.155	ug/L	100
3) Chloromethane	1.54	50	164740	47.416	ug/L	100
5) Vinyl chloride	1.62	62	187073	49.133	ug/L	100
6) Bromomethane	1.87	94	70774	48.425	ug/L	100
8) Chloroethane	1.95	64	108415	48.603	ug/L	100
9) Trichlorofluoromethane	2.16	101	290566	49.982	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	137243	50.549	ug/L	100
12) 1,1-Dichloroethene	2.60	96	122047	49.748	ug/L	100
13) Acetone	2.65	43	236760	98.010	ug/L	100
14) Carbon disulfide	2.82	76	341681	49.124	ug/L	100
15) Methyl Acetate	2.98	43	187950	49.467	ug/L	100
16) Methylene chloride	3.08	84	149969	48.975	ug/L	100
17) trans-1,2-Dichloroethene	3.39	96	129210	50.270	ug/L	100
18) Methyl tert-butyl Ether	3.40	73	495889	49.959	ug/L	100
19) 1,1-Dichloroethane	3.91	63	289496	50.335	ug/L	100
20) cis-1,2-Dichloroethene	4.71	96	154336	49.642	ug/L	100
22) 2-Butanone	4.74	43	306076	100.179	ug/L	100
23) Bromochloromethane	5.01	128	77068	49.157	ug/L	100
25) Chloroform	5.13	83	305427	49.110	ug/L	100
27) 1,2-Dichloroethane	5.83	62	272495	49.174	ug/L	100
29) Cyclohexane	5.42	56	244746	50.543	ug/L	100
30) 1,1,1-Trichloroethane	5.36	97	272283	50.081	ug/L	100
31) Carbon tetrachloride	5.56	117	240730	50.113	ug/L	100
33) Benzene	5.81	78	608651	50.413	ug/L	100
34) Trichloroethene	6.57	95	153551	48.944	ug/L	100
35) Methylcyclohexane	6.79	83	239199	50.360	ug/L	100
37) 1,2-Dichloropropane	6.82	63	168912	49.220	ug/L	100
38) Bromodichloromethane	7.13	83	238306	49.669	ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	268464	50.452	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	559354	100.125	ug/L	100

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42) Toluene	7.99	91	662443	50.245	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	254567	50.669	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	154079	49.309	ug/L	100
46) Tetrachloroethene	8.57	164	117001	50.199	ug/L	100
48) 2-Hexanone	8.71	43	447912	101.741	ug/L	100
49) Dibromochloromethane	8.83	129	184779	50.263	ug/L	100
50) 1,2-Dibromoethane	8.95	107	169073	50.138	ug/L	100
51) Chlorobenzene	9.47	112	406088	48.977	ug/L	100
52) Ethylbenzene	9.59	91	762957	49.977	ug/L	100
53) m,p-Xylene	9.71	106	273839	50.715	ug/L	100
54) o-xylene	10.12	106	268597	50.349	ug/L	100
55) Styrene	10.13	104	459460	50.787	ug/L	100
56) Isopropylbenzene	10.50	105	744562	50.214	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	279610	49.022	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	239035	50.107	ug/L	100
61) Bromoform	10.31	173	142804	49.647	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	322598	49.422	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	327091	49.580	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	328401	49.258	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	73633	50.096	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	236529	49.722	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	193942	52.211	ug/L	100
69) Naphthalene	14.11	128	298705	53.024	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	198339	50.881	ug/L	100

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

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