

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050818\
 Data File : VU023730.D
 Acq On : 08 May 2018 12:05
 Operator : MD/SY
 Sample : VSTD10056
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 09 01:37:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 09 01:35:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	344829	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	329737	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	176778	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	273964	111.31	ug/L	0.00
7) Chloroethane-d5	1.67	69	208059	110.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	502797	106.13	ug/L	0.00
21) 2-Butanone-d5	4.18	46	427479	248.95	ug/L	0.00
24) Chloroform-d	4.65	84	468393	115.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	299236	107.32	ug/L	0.00
32) Benzene-d6	5.35	84	994412	112.38	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	323169	109.33	ug/L	0.00
41) Toluene-d8	7.57	98	935144	114.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	149021	117.49	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	313700	270.27	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	435568	112.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	375223	108.47	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	302258	84.12	ug/L	99
3) Chloromethane	1.33	50	282248	75.03	ug/L	99
5) Vinyl chloride	1.40	62	315991	86.53	ug/L	96
6) Bromomethane	1.62	94	131904	70.95	ug/L	97
8) Chloroethane	1.69	64	185910	83.60	ug/L	99
9) Trichlorofluoromethane	1.89	101	367845	88.57	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	241031	92.04	ug/L	100
12) 1,1-Dichloroethene	2.28	96	226200	92.02	ug/L	94
13) Acetone	2.32	43	394645	162.46	ug/L	100
14) Carbon disulfide	2.48	76	727043	86.56	ug/L	99
15) Methyl Acetate	2.62	43	329122	99.75	ug/L	100
16) Methylene chloride	2.70	84	272421	88.83	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	247558	91.90	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	796063	99.16	ug/L	99
19) 1,1-Dichloroethane	3.45	63	486251	91.00	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	283797	94.47	ug/L	99
22) 2-Butanone	4.26	43	514993	188.05	ug/L	99
23) Bromochloromethane	4.55	128	140306	92.75	ug/L	95
25) Chloroform	4.68	83	475650	87.35	ug/L	100
27) 1,2-Dichloroethane	5.41	62	372143	91.57	ug/L	98
29) Cyclohexane	5.00	56	455466	95.99	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	383119	93.06	ug/L	99
31) Carbon tetrachloride	5.14	117	338826	94.73	ug/L	100
33) Benzene	5.39	78	1072986	94.25	ug/L	100
34) Trichloroethene	6.19	95	270536	92.12	ug/L	99
35) Methylcyclohexane	6.42	83	431668	95.00	ug/L	99
37) 1,2-Dichloropropane	6.44	63	306591	93.47	ug/L	99
38) Bromodichloromethane	6.76	83	353983	95.45	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	451971	100.01	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	863952	212.93	ug/L	99

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42) Toluene	7.64	91	1141208	96.53	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	409240	101.64	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	264657	94.43	ug/L	100
46) Tetrachloroethene	8.23	164	224099	94.12	ug/L	97
48) 2-Hexanone	8.36	43	732180	208.81	ug/L	100
49) Dibromochloromethane	8.48	129	292223	99.11	ug/L	99
50) 1,2-Dibromoethane	8.59	107	277658	97.59	ug/L	99
51) Chlorobenzene	9.12	112	744283	93.95	ug/L	100
52) Ethylbenzene	9.26	91	1263835	98.28	ug/L	100
53) m,p-Xylene	9.38	106	485297	99.21	ug/L	98
54) o-xylene	9.78	106	473603	101.76	ug/L	96
55) Styrene	9.80	104	826235	101.50	ug/L	99
56) Isopropylbenzene	10.17	105	1242837	101.40	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	458473	99.09	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	362652	98.74	ug/L	99
61) Bromoform	9.96	173	222694	100.59	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	605232	95.80	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	617101	93.96	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	613669	94.97	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	100948	106.34	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	499803	95.02	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	451724	100.99	ug/L	100
69) Naphthalene	13.75	128	1376301	117.07	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	460623	101.15	ug/L	99

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

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