

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050118\
 Data File : VU023549.D
 Acq On : 01 May 2018 12:37
 Operator : MD/SY
 Sample : VSTD20041
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 02 02:18:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 02 02:16:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	344610	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	332336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	186730	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	493576	222.22	ug/L	0.00
7) Chloroethane-d5	1.67	69	367432	208.26	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	924044	203.37	ug/L	0.00
21) 2-Butanone-d5	4.17	46	708131	368.08	ug/L	0.00
24) Chloroform-d	4.65	84	855641	196.73	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	562973	193.28	ug/L	0.00
32) Benzene-d6	5.35	84	1851185	199.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	613172	192.97	ug/L	0.00
41) Toluene-d8	7.57	98	1745734	205.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	292234	215.39	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	547654	392.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	815691	195.13	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.87	152	720597	188.55	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	701122	207.80	ug/L	99
3) Chloromethane	1.33	50	744196	175.85	ug/L	100
5) Vinyl chloride	1.40	62	713595	202.37	ug/L	98
6) Bromomethane	1.61	94	380296	229.75	ug/L	99
8) Chloroethane	1.69	64	403711	198.27	ug/L	99
9) Trichlorofluoromethane	1.88	101	797524	202.48	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	495178	196.50	ug/L	99
12) 1,1-Dichloroethene	2.28	96	457863	197.83	ug/L	98
13) Acetone	2.32	43	778927	412.69	ug/L	100
14) Carbon disulfide	2.48	76	1672434	212.81	ug/L	100
15) Methyl Acetate	2.61	43	622014	185.54	ug/L	100
16) Methylene chloride	2.70	84	572520	189.65	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	535468	211.89	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	1644181	209.13	ug/L	100
19) 1,1-Dichloroethane	3.45	63	1031070	199.16	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	600562	212.60	ug/L	98
22) 2-Butanone	4.26	43	979146	392.68	ug/L	98
23) Bromochloromethane	4.55	128	291899	204.78	ug/L	100
25) Chloroform	4.68	83	1017124	204.08	ug/L	98
27) 1,2-Dichloroethane	5.41	62	784410	196.90	ug/L	100
29) Cyclohexane	5.00	56	1045588	210.80	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	820757	200.69	ug/L	99
31) Carbon tetrachloride	5.14	117	727963	206.10	ug/L	99
33) Benzene	5.39	78	2269050	196.15	ug/L	100
34) Trichloroethene	6.19	95	581683	207.85	ug/L	99
35) Methylcyclohexane	6.42	83	1009444	213.12	ug/L	99
37) 1,2-Dichloropropane	6.44	63	640533	194.22	ug/L	99
38) Bromodichloromethane	6.76	83	747396	203.68	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	991618	218.93	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	1693065	391.30	ug/L	100

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42) Toluene	7.64	91	2398411	206.43	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	897090	220.85	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	539234	195.91	ug/L	98
46) Tetrachloroethene	8.23	164	473687	212.51	ug/L	99
48) 2-Hexanone	8.36	43	1430184	409.61	ug/L	100
49) Dibromochloromethane	8.48	129	612906	213.72	ug/L	99
50) 1,2-Dibromoethane	8.59	107	564955	200.77	ug/L	100
51) Chlorobenzene	9.12	112	1551102	208.30	ug/L	99
52) Ethylbenzene	9.26	91	2702415	217.26	ug/L	100
53) m,p-Xylene	9.38	106	1027952	221.88	ug/L	99
54) o-xylene	9.78	106	987239	217.13	ug/L	98
55) Styrene	9.80	104	1742180	225.01	ug/L	99
56) Isopropylbenzene	10.17	105	2581054	217.90	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	926423	197.52	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	717351	190.15	ug/L	100
61) Bromoform	9.96	173	463838	193.15	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	1293903	204.36	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	1327598	202.18	ug/L	100
65) 1,2-Dichlorobenzene	11.89	146	1286134	191.84	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	187808	169.19	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	1094430	215.14	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	1013811	229.54	ug/L	99
69) Naphthalene	13.75	128	2858901	207.00	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	984295	206.12	ug/L	100

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

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