

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050818\
 Data File : VU023729.D
 Acq On : 08 May 2018 11:39
 Operator : MD/SY
 Sample : VSTD05055
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 09 01:36:57 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	364029	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	347028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	182638	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	134452	51.75	ug/L	0.00
7) Chloroethane-d5	1.68	69	101686	51.38	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	247771	49.54	ug/L	0.00
21) 2-Butanone-d5	4.18	46	201712	111.27	ug/L	0.00
24) Chloroform-d	4.65	84	226515	52.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	144350	49.04	ug/L	0.00
32) Benzene-d6	5.35	84	476854	51.20	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	154416	49.64	ug/L	0.00
41) Toluene-d8	7.57	98	448477	52.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	68097	51.01	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	143389	117.38	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	206837	50.97	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	178839	50.04	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	153080	40.36	ug/L	100
3) Chloromethane	1.33	50	139337	35.08	ug/L	100
5) Vinyl chloride	1.40	62	157605	40.88	ug/L	100
6) Bromomethane	1.63	94	59993	30.57	ug/L	100
8) Chloroethane	1.70	64	94226	40.14	ug/L	100
9) Trichlorofluoromethane	1.89	101	187148	42.69	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	121205	43.84	ug/L	100
12) 1,1-Dichloroethene	2.28	96	114171	43.99	ug/L	100
13) Acetone	2.32	43	207527	80.93	ug/L	100
14) Carbon disulfide	2.48	76	365395	41.21	ug/L	100
15) Methyl Acetate	2.62	43	163442	46.93	ug/L	100
16) Methylene chloride	2.70	84	137552	42.48	ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	124522	43.79	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	393049	46.38	ug/L	100
19) 1,1-Dichloroethane	3.45	63	246383	43.68	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	142698	45.00	ug/L	100
22) 2-Butanone	4.26	43	262177	90.69	ug/L	100
23) Bromochloromethane	4.55	128	73022	45.73	ug/L	100
25) Chloroform	4.68	83	241417	42.00	ug/L	100
27) 1,2-Dichloroethane	5.41	62	188338	43.90	ug/L	100
29) Cyclohexane	5.00	56	223994	44.86	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	194154	44.81	ug/L	100
31) Carbon tetrachloride	5.14	117	168005	44.63	ug/L	100
33) Benzene	5.39	78	536460	44.77	ug/L	100
34) Trichloroethene	6.19	95	136865	44.28	ug/L	100
35) Methylcyclohexane	6.42	83	212546	44.44	ug/L	100
37) 1,2-Dichloropropane	6.44	63	153735	44.53	ug/L	100
38) Bromodichloromethane	6.76	83	176555	45.24	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	221042	46.47	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	424035	99.30	ug/L	100

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42) Toluene	7.64	91	574733	46.19	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	195417	46.12	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	133465	45.25	ug/L	100
46) Tetrachloroethene	8.23	164	111359	44.44	ug/L	100
48) 2-Hexanone	8.36	43	354853	96.16	ug/L	100
49) Dibromochloromethane	8.48	129	143842	46.35	ug/L	100
50) 1,2-Dibromoethane	8.59	107	139353	46.54	ug/L	100
51) Chlorobenzene	9.12	112	375612	45.05	ug/L	100
52) Ethylbenzene	9.26	91	633115	46.78	ug/L	100
53) m,p-Xylene	9.38	106	240339	46.68	ug/L	100
54) o-xylene	9.78	106	235262	48.03	ug/L	100
55) Styrene	9.80	104	414582	48.39	ug/L	100
56) Isopropylbenzene	10.17	105	621788	48.20	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	226490	46.51	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	183359	47.43	ug/L	100
61) Bromoform	9.96	173	107403	46.96	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	299932	45.95	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	308222	45.42	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	306843	45.97	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	47706	48.64	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	244280	44.95	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	213825	46.27	ug/L	100
69) Naphthalene	13.75	128	632912	52.11	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	222799	47.36	ug/L	100

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

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