

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050118\
 Data File : VU023546.D
 Acq On : 01 May 2018 10:55
 Operator : MD/SY
 Sample : VSTD01058
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 02 02:16:55 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	322115	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	310958	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	153331	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22910	11.03	ug/L	0.00
7) Chloroethane-d5	1.68	69	17204	10.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	44392	10.45	ug/L	0.00
21) 2-Butanone-d5	4.18	46	30606	17.02	ug/L	0.00
24) Chloroform-d	4.66	84	35316	8.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.32	65	26036	9.56	ug/L	0.00
32) Benzene-d6	5.35	84	81228	9.33	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	27250	9.17	ug/L	0.00
41) Toluene-d8	7.57	98	71874	9.04	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	11155	8.79	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	17897	13.72	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	34724	8.88	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	29906	9.53	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	36501	11.57	ug/L	99
3) Chloromethane	1.33	50	39479	9.98	ug/L	100
5) Vinyl chloride	1.41	62	37124	11.26	ug/L	90
6) Bromomethane	1.63	94	19368	12.52	ug/L	95
8) Chloroethane	1.70	64	23501	12.35	ug/L	97
9) Trichlorofluoromethane	1.89	101	42195	11.46	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	26605	11.29	ug/L	98
12) 1,1-Dichloroethene	2.29	96	24422	11.29	ug/L	98
13) Acetone	2.32	43	54878	31.11	ug/L	98
14) Carbon disulfide	2.48	76	83521	11.37	ug/L	99
15) Methyl Acetate	2.62	43	32410	10.34	ug/L	100
16) Methylene chloride	2.71	84	31451	11.15	ug/L	96
17) trans-1,2-Dichloroethene	2.99	96	26748	11.32	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	76526	10.41	ug/L	99
19) 1,1-Dichloroethane	3.45	63	54007	11.16	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	29030	10.99	ug/L	99
22) 2-Butanone	4.27	43	57378	24.62	ug/L	100
23) Bromochloromethane	4.56	128	15157	11.38	ug/L	97
25) Chloroform	4.68	83	57341	12.31	ug/L	98
27) 1,2-Dichloroethane	5.41	62	40402	10.85	ug/L	98
29) Cyclohexane	5.00	56	44508	9.59	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	41009	10.72	ug/L	99
31) Carbon tetrachloride	5.14	117	34742	10.51	ug/L	100
33) Benzene	5.39	78	112733	10.42	ug/L	100
34) Trichloroethene	6.19	95	29630	11.32	ug/L	97
35) Methylcyclohexane	6.42	83	42160	9.51	ug/L	99
37) 1,2-Dichloropropane	6.44	63	33122	10.73	ug/L	99
38) Bromodichloromethane	6.76	83	36285	10.57	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	40904	9.65	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	75022	18.53	ug/L	98

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42) Toluene	7.64	91	115551	10.63	ug/L	100
44) trans-1,3-Dichloropropene	7.89	75	36837	9.69	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	27620	10.72	ug/L	98
46) Tetrachloroethene	8.23	164	23832	11.43	ug/L	99
48) 2-Hexanone	8.36	43	66953	20.49	ug/L	97
49) Dibromochloromethane	8.48	129	27864	10.38	ug/L	99
50) 1,2-Dibromoethane	8.59	107	28328	10.76	ug/L	95
51) Chlorobenzene	9.12	112	78684	11.29	ug/L	99
52) Ethylbenzene	9.25	91	122602	10.53	ug/L	99
53) m,p-Xylene	9.38	106	46575	10.74	ug/L	95
54) o-xylene	9.78	106	43109	10.13	ug/L	97
55) Styrene	9.80	104	76334	10.54	ug/L	99
56) Isopropylbenzene	10.17	105	115662	10.44	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	45014	10.26	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	35965	10.19	ug/L	100
61) Bromoform	9.96	173	19805	10.04	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	57357	11.03	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	61270	11.36	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	59726	10.85	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	8663	9.50	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	47522	11.38	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	38810	10.70	ug/L	99
69) Naphthalene	13.75	128	90853	8.01	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	40518	10.33	ug/L	98

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

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