

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050118\
 Data File : VU023547.D
 Acq On : 01 May 2018 11:21
 Operator : MD/SY
 Sample : VSTD05059
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 02:17:28 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	335833	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	327008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	168762	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119849	55.37	ug/L	0.00
7) Chloroethane-d5	1.68	69	90899	52.87	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	235223	53.12	ug/L	0.00
21) 2-Butanone-d5	4.18	46	172175	91.83	ug/L	0.00
24) Chloroform-d	4.65	84	201489	47.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	138714	48.87	ug/L	0.00
32) Benzene-d6	5.35	84	448823	49.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	147357	47.13	ug/L	0.00
41) Toluene-d8	7.57	98	424481	50.78	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	65983	49.43	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	117568	85.73	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	189206	46.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	162748	47.12	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	172898	52.58	ug/L	100
3) Chloromethane	1.33	50	184996	44.86	ug/L	100
5) Vinyl chloride	1.40	62	177248	51.58	ug/L	100
6) Bromomethane	1.63	94	96319	59.71	ug/L	100
8) Chloroethane	1.70	64	102091	51.45	ug/L	100
9) Trichlorofluoromethane	1.89	101	197840	51.54	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	127668	51.99	ug/L	100
12) 1,1-Dichloroethene	2.29	96	119556	53.01	ug/L	100
13) Acetone	2.32	43	230243	125.18	ug/L	100
14) Carbon disulfide	2.48	76	404283	52.79	ug/L	100
15) Methyl Acetate	2.62	43	156575	47.93	ug/L	100
16) Methylene chloride	2.71	84	144983	49.28	ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	129459	52.57	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	389840	50.88	ug/L	100
19) 1,1-Dichloroethane	3.45	63	256935	50.93	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	144381	52.45	ug/L	100
22) 2-Butanone	4.26	43	266899	109.84	ug/L	100
23) Bromochloromethane	4.55	128	72552	52.23	ug/L	100
25) Chloroform	4.68	83	261418	53.82	ug/L	100
27) 1,2-Dichloroethane	5.41	62	196018	50.49	ug/L	100
29) Cyclohexane	5.00	56	242942	49.78	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	197695	49.13	ug/L	100
31) Carbon tetrachloride	5.14	117	171300	49.29	ug/L	100
33) Benzene	5.39	78	563741	49.53	ug/L	100
34) Trichloroethene	6.19	95	139021	50.49	ug/L	100
35) Methylcyclohexane	6.42	83	228196	48.96	ug/L	100
37) 1,2-Dichloropropane	6.44	63	157355	48.49	ug/L	100
38) Bromodichloromethane	6.76	83	178423	49.42	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	225533	50.60	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	403830	94.85	ug/L	100

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42) Toluene	7.64	91	596284	52.16	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	201113	50.32	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	132396	48.89	ug/L	100
46) Tetrachloroethene	8.23	164	116221	52.99	ug/L	100
48) 2-Hexanone	8.36	43	351620	102.35	ug/L	100
49) Dibromochloromethane	8.48	129	143449	50.83	ug/L	100
50) 1,2-Dibromoethane	8.59	107	134439	48.56	ug/L	100
51) Chlorobenzene	9.12	112	379403	51.78	ug/L	100
52) Ethylbenzene	9.26	91	644935	52.69	ug/L	100
53) m,p-Xylene	9.38	106	248220	54.45	ug/L	100
54) o-xylene	9.78	106	237409	53.07	ug/L	100
55) Styrene	9.80	104	418702	54.96	ug/L	100
56) Isopropylbenzene	10.17	105	616814	52.92	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	218088	47.25	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	173701	46.79	ug/L	100
61) Bromoform	9.96	173	101226	46.64	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	290837	50.83	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	305779	51.53	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	297845	49.16	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	43503	43.36	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	244795	53.24	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	212360	53.20	ug/L	100
69) Naphthalene	13.75	128	619222	49.61	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	221915	51.42	ug/L	100

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

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