

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050818\
 Data File : VU023731.D
 Acq On : 08 May 2018 12:31
 Operator : MD/SY
 Sample : VSTD20057
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 09 01:38:21 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	355901	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	348507	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	194202	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	552037	217.32	ug/L	0.00
7) Chloroethane-d5	1.66	69	402672	208.10	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.27	63	1008353	206.22	ug/L	0.00
21) 2-Butanone-d5	4.18	46	855835	482.90	ug/L	0.00
24) Chloroform-d	4.65	84	940930	223.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	594656	206.64	ug/L	0.00
32) Benzene-d6	5.35	84	1979782	211.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	652383	208.82	ug/L	0.00
41) Toluene-d8	7.57	98	1866888	216.77	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	314094	234.30	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	677317	552.11	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	917696	225.18	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.87	152	794601	209.10	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	618272	166.71	ug/L	99
3) Chloromethane	1.33	50	572087	147.34	ug/L	100
5) Vinyl chloride	1.40	62	644910	171.11	ug/L	96
6) Bromomethane	1.61	94	282813	147.39	ug/L	97
8) Chloroethane	1.69	64	365712	159.34	ug/L	99
9) Trichlorofluoromethane	1.88	101	759465	177.18	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	490642	181.52	ug/L	99
12) 1,1-Dichloroethene	2.28	96	459314	181.03	ug/L	91
13) Acetone	2.32	43	811588	323.71	ug/L	100
14) Carbon disulfide	2.47	76	1506353	173.76	ug/L	99
15) Methyl Acetate	2.62	43	669020	196.47	ug/L	99
16) Methylene chloride	2.70	84	559093	176.63	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	506122	182.05	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	1651138	199.26	ug/L	99
19) 1,1-Dichloroethane	3.45	63	994209	180.28	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	587511	189.49	ug/L	99
22) 2-Butanone	4.26	43	1077825	381.33	ug/L	99
23) Bromochloromethane	4.55	128	285892	183.12	ug/L	98
25) Chloroform	4.68	83	968938	172.40	ug/L	99
27) 1,2-Dichloroethane	5.41	62	750977	179.04	ug/L	99
29) Cyclohexane	5.00	56	952569	189.95	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	798556	183.52	ug/L	100
31) Carbon tetrachloride	5.14	117	705661	186.66	ug/L	100
33) Benzene	5.39	78	2192903	182.25	ug/L	100
34) Trichloroethene	6.19	95	560220	180.50	ug/L	98
35) Methylcyclohexane	6.42	83	914290	190.37	ug/L	99
37) 1,2-Dichloropropane	6.44	63	619134	178.58	ug/L	100
38) Bromodichloromethane	6.76	83	738093	188.30	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	960729	201.13	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	1848858	431.14	ug/L	99

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42) Toluene	7.64	91	2326169	186.16	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	878870	206.52	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	545108	184.02	ug/L	99
46) Tetrachloroethene	8.23	164	460010	182.80	ug/L	97
48) 2-Hexanone	8.36	43	1542384	416.18	ug/L	98
49) Dibromochloromethane	8.48	129	622452	199.74	ug/L	99
50) 1,2-Dibromoethane	8.59	107	577551	192.06	ug/L	99
51) Chlorobenzene	9.12	112	1548889	184.98	ug/L	100
52) Ethylbenzene	9.26	91	2632417	193.68	ug/L	100
53) m,p-Xylene	9.38	106	1010250	195.40	ug/L	99
54) o-xylene	9.78	106	979276	199.08	ug/L	98
55) Styrene	9.80	104	1741888	202.47	ug/L	100
56) Isopropylbenzene	10.17	105	2598121	200.56	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	988055	202.06	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	771444	198.72	ug/L	100
61) Bromoform	9.96	173	489223	201.15	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	1318685	190.01	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	1347960	186.82	ug/L	98
65) 1,2-Dichlorobenzene	11.89	146	1315541	185.33	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	221457	212.35	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	1085520	187.86	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	1003670	204.25	ug/L	100
69) Naphthalene	13.75	128	3023757	234.12	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	990955	198.09	ug/L	99

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

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