

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
 Data File : VU023682.D
 Acq On : 06 May 2018 10:52
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 07 00:46:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 04 02:54:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	336301	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	327605	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	170717	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	111112	46.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.24%
7) Chloroethane-d5	1.68	69	87400	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.22%
11) 1,1-Dichloroethene-d2	2.27	63	223482	48.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.18%
21) 2-Butanone-d5	4.18	46	181613	110.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.28%
24) Chloroform-d	4.65	84	210059	53.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.58%
26) 1,2-Dichloroethane-d4	5.31	65	135277	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
32) Benzene-d6	5.35	84	428976	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.33	67	140273	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.30%
41) Toluene-d8	7.57	98	402220	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%
43) trans-1,3-Dichloropropene-	7.85	79	61642	48.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.28%
47) 2-Hexanone-d5	8.31	63	126905	113.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.51%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	192945	50.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	162232	48.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.42%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	162635	44.79	ug/L	99
3) Chloromethane	1.33	50	154363	39.63	ug/L	99
5) Vinyl chloride	1.40	62	163828	44.41	ug/L	99
6) Bromomethane	1.62	94	74851	37.86	ug/L	99
8) Chloroethane	1.70	64	94062	42.19	ug/L	97
9) Trichlorofluoromethane	1.89	101	193325	46.57	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	125455	47.93	ug/L	98
12) 1,1-Dichloroethene	2.28	96	114405	46.61	ug/L	99
13) Acetone	2.32	43	232934	95.20	ug/L	100
14) Carbon disulfide	2.48	76	377374	44.60	ug/L	100
15) Methyl Acetate	2.62	43	162756	50.22	ug/L	100
16) Methylene chloride	2.70	84	139006	45.37	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	124971	46.54	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	376043	47.37	ug/L	99
19) 1,1-Dichloroethane	3.45	63	248887	46.70	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	141464	47.46	ug/L	97
22) 2-Butanone	4.26	43	269049	98.88	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	71892	48.05	ug/L	97
25) Chloroform	4.68	83	246891	45.17	ug/L	98
27) 1,2-Dichloroethane	5.41	62	190607	47.03	ug/L	98
29) Cyclohexane	5.00	56	221509	45.75	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	195762	47.18	ug/L	100
31) Carbon tetrachloride	5.14	117	173840	48.21	ug/L	98
33) Benzene	5.39	78	545143	47.22	ug/L	100
34) Trichloroethene	6.19	95	137273	46.41	ug/L	98
35) Methylcyclohexane	6.42	83	215884	46.66	ug/L	100
37) 1,2-Dichloropropane	6.44	63	152064	45.95	ug/L	100
38) Bromodichloromethane	6.76	83	177840	47.64	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	214930	47.14	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	419046	103.73	ug/L	100
42) Toluene	7.64	91	578232	48.32	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	197837	48.63	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	133085	47.34	ug/L	99
46) Tetrachloroethene	8.23	164	112582	46.70	ug/L	98
48) 2-Hexanone	8.36	43	360114	102.35	ug/L	99
49) Dibromochloromethane	8.48	129	145665	49.19	ug/L	100
50) 1,2-Dibromoethane	8.59	107	139165	49.01	ug/L	98
51) Chlorobenzene	9.12	112	372024	46.66	ug/L	99
52) Ethylbenzene	9.25	91	624246	48.13	ug/L	99
53) m,p-Xylene	9.38	106	243149	49.15	ug/L	99
54) o-xylene	9.78	106	229612	48.99	ug/L	97
55) Styrene	9.80	104	409691	49.96	ug/L	99
56) Isopropylbenzene	10.17	105	607293	49.37	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	228487	49.50	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	184529	50.52	ug/L	99
61) Bromoform	9.96	173	107654	50.16	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	289314	47.00	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	303690	47.25	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	304635	48.37	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	48277	52.79	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	245444	47.60	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	209815	47.91	ug/L	99
69) Naphthalene	13.75	128	612301	53.28	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	220364	49.38	ug/L	99

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

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