

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
 Data File : VU023705.D
 Acq On : 07 May 2018 10:29
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 07 14:34:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 07 00:51:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	383485	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	361717	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	191151	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	116367	42.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.62%
7) Chloroethane-d5	1.68	69	94707	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.44%
11) 1,1-Dichloroethene-d2	2.27	63	227468	42.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.86%
21) 2-Butanone-d5	4.18	46	190719	101.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.56%
24) Chloroform-d	4.65	84	221269	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.46%
26) 1,2-Dichloroethane-d4	5.31	65	142511	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.18%
32) Benzene-d6	5.35	84	459784	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
36) 1,2-Dichloropropane-d6	6.33	67	154888	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.30%
41) Toluene-d8	7.57	98	427486	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%
43) trans-1,3-Dichloropropene-	7.85	79	67029	47.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.80%
47) 2-Hexanone-d5	8.31	63	138850	112.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.48%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	206477	49.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	175661	47.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.22%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	169339	40.90	ug/L	99
3) Chloromethane	1.33	50	171154	38.53	ug/L	99
5) Vinyl chloride	1.40	62	175492	41.72	ug/L	97
6) Bromomethane	1.63	94	82096	36.41	ug/L	100
8) Chloroethane	1.70	64	102117	40.17	ug/L	98
9) Trichlorofluoromethane	1.89	101	205930	43.50	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	129140	43.26	ug/L	97
12) 1,1-Dichloroethene	2.28	96	119455	42.68	ug/L	96
13) Acetone	2.32	43	244857	87.76	ug/L	100
14) Carbon disulfide	2.48	76	397490	41.20	ug/L	99
15) Methyl Acetate	2.62	43	163201	44.16	ug/L	98
16) Methylene chloride	2.70	84	149205	42.71	ug/L	97
17) trans-1,2-Dichloroethene	2.99	96	136117	44.45	ug/L	96
18) Methyl tert-butyl Ether	3.00	73	423122	46.74	ug/L	99
19) 1,1-Dichloroethane	3.45	63	263597	43.37	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	151239	44.50	ug/L	99
22) 2-Butanone	4.26	43	284206	91.60	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	77040	45.16	ug/L	98
25) Chloroform	4.68	83	263879	42.34	ug/L	99
27) 1,2-Dichloroethane	5.41	62	201151	43.53	ug/L	100
29) Cyclohexane	5.00	56	242062	45.28	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	208585	45.53	ug/L	99
31) Carbon tetrachloride	5.14	117	180848	45.42	ug/L	99
33) Benzene	5.39	78	575614	45.16	ug/L	100
34) Trichloroethene	6.19	95	147069	45.03	ug/L	99
35) Methylcyclohexane	6.42	83	231960	45.41	ug/L	99
37) 1,2-Dichloropropane	6.44	63	164602	45.05	ug/L	99
38) Bromodichloromethane	6.76	83	187968	45.61	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	234165	46.52	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	433536	97.20	ug/L	99
42) Toluene	7.64	91	616627	46.67	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	211531	47.09	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	142884	46.03	ug/L	99
46) Tetrachloroethene	8.23	164	118397	44.48	ug/L	99
48) 2-Hexanone	8.36	43	379945	97.81	ug/L	99
49) Dibromochloromethane	8.48	129	153826	47.05	ug/L	98
50) 1,2-Dibromoethane	8.59	107	146278	46.66	ug/L	99
51) Chlorobenzene	9.12	112	399107	45.34	ug/L	99
52) Ethylbenzene	9.25	91	674843	47.12	ug/L	99
53) m,p-Xylene	9.38	106	259735	47.55	ug/L	99
54) o-xylene	9.78	106	251715	48.64	ug/L	99
55) Styrene	9.80	104	443685	49.01	ug/L	100
56) Isopropylbenzene	10.17	105	662362	48.77	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	236548	46.42	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	189176	46.90	ug/L	99
61) Bromoform	9.96	173	111813	46.53	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	319204	46.31	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	331084	46.00	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	325778	46.20	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	48567	47.43	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	263703	45.67	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	230006	46.90	ug/L	99
69) Naphthalene	13.75	128	639805	49.72	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	234954	47.02	ug/L	100

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

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