

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050918\
 Data File : VU023754.D
 Acq On : 09 May 2018 11:21
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 10 01:24:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 09 03:02:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	338221	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	327317	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	177957	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109513	41.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.80%
7) Chloroethane-d5	1.66	69	85759	43.41	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.82%
11) 1,1-Dichloroethene-d2	2.27	63	213696	43.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.18%
21) 2-Butanone-d5	4.18	46	201017	103.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.25%
24) Chloroform-d	4.65	84	211243	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	5.31	65	138119	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
32) Benzene-d6	5.34	84	435574	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.90%
36) 1,2-Dichloropropane-d6	6.33	67	146222	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.36%
41) Toluene-d8	7.57	98	409245	47.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.06%
43) trans-1,3-Dichloropropene-	7.85	79	65243	49.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.34%
47) 2-Hexanone-d5	8.31	63	145295	106.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.04%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	210475	50.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	174857	47.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.88%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	137852	43.67	ug/L	99
3) Chloromethane	1.33	50	108147	37.86	ug/L	99
5) Vinyl chloride	1.40	62	140956	43.38	ug/L	96
6) Bromomethane	1.61	94	61114	50.33	ug/L	97
8) Chloroethane	1.69	64	85944	44.02	ug/L	95
9) Trichlorofluoromethane	1.88	101	173889	44.94	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	113361	45.05	ug/L	99
12) 1,1-Dichloroethene	2.28	96	102113	43.70	ug/L	91
13) Acetone	2.32	43	214064	99.67	ug/L	100
14) Carbon disulfide	2.47	76	333271	44.21	ug/L	99
15) Methyl Acetate	2.62	43	161024	48.22	ug/L	100
16) Methylene chloride	2.70	84	134414	46.94	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	115765	45.09	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	390058	48.70	ug/L	100
19) 1,1-Dichloroethane	3.45	63	233938	46.54	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	135592	46.61	ug/L	99
22) 2-Butanone	4.26	43	265602	102.37	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	70585	48.88	ug/L	96
25) Chloroform	4.68	83	230995	46.28	ug/L	100
27) 1,2-Dichloroethane	5.41	62	183420	47.69	ug/L	98
29) Cyclohexane	5.00	56	204357	45.44	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	179464	45.08	ug/L	98
31) Carbon tetrachloride	5.14	117	155435	45.31	ug/L	98
33) Benzene	5.39	78	512200	46.44	ug/L	100
34) Trichloroethene	6.19	95	127399	45.25	ug/L	98
35) Methylcyclohexane	6.42	83	196588	45.32	ug/L	99
37) 1,2-Dichloropropane	6.44	63	147715	47.18	ug/L	99
38) Bromodichloromethane	6.76	83	172044	47.27	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	212823	48.47	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	428820	100.69	ug/L	100
42) Toluene	7.64	91	538768	46.75	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	193276	49.13	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	132762	48.52	ug/L	99
46) Tetrachloroethene	8.23	164	106994	45.91	ug/L	98
48) 2-Hexanone	8.36	43	362002	103.34	ug/L	98
49) Dibromochloromethane	8.48	129	144103	49.62	ug/L	98
50) 1,2-Dibromoethane	8.59	107	136692	48.51	ug/L	100
51) Chlorobenzene	9.12	112	362421	46.90	ug/L	99
52) Ethylbenzene	9.25	91	599966	47.28	ug/L	100
53) m,p-Xylene	9.38	106	233378	48.40	ug/L	99
54) o-xylene	9.78	106	228727	48.62	ug/L	96
55) Styrene	9.80	104	402768	50.01	ug/L	99
56) Isopropylbenzene	10.17	105	587964	47.66	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	236676	49.91	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	187741	49.77	ug/L	99
61) Bromoform	9.96	173	109798	48.10	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	299291	47.00	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	309959	46.90	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	307155	47.28	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	49705	48.80	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	248424	47.38	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	220951	49.72	ug/L	100
69) Naphthalene	13.75	128	660972	52.29	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	225746	49.08	ug/L	99

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

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