

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050918\
 Data File : VU023760.D
 Acq On : 09 May 2018 15:24
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 10 01:30:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 10 01:29:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	348965	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	336650	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	181238	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	111948	41.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.02%
7) Chloroethane-d5	1.67	69	92160	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.42%
11) 1,1-Dichloroethene-d2	2.27	63	223045	44.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.20%
21) 2-Butanone-d5	4.17	46	194039	96.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.60%
24) Chloroform-d	4.65	84	220511	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	5.31	65	139425	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.96%
32) Benzene-d6	5.34	84	454583	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
36) 1,2-Dichloropropane-d6	6.33	67	149297	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.66%
41) Toluene-d8	7.57	98	428375	47.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.74%
43) trans-1,3-Dichloropropene-	7.85	79	67176	49.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.44%
47) 2-Hexanone-d5	8.31	63	138645	98.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.38%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	206929	48.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.84%
64) 1,2-Dichlorobenzene-d4	11.87	152	179603	47.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.68%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	151703	46.58	ug/L	100
3) Chloromethane	1.33	50	126984	43.09	ug/L	99
5) Vinyl chloride	1.40	62	149235	44.52	ug/L	93
6) Bromomethane	1.61	94	38224	30.51	ug/L	93
8) Chloroethane	1.69	64	91902	45.62	ug/L	98
9) Trichlorofluoromethane	1.88	101	187913	47.07	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	116964	45.05	ug/L	99
12) 1,1-Dichloroethene	2.28	96	106852	44.32	ug/L	98
13) Acetone	2.32	43	198531	89.60	ug/L	99
14) Carbon disulfide	2.47	76	356828	45.88	ug/L	99
15) Methyl Acetate	2.62	43	158447	45.98	ug/L	99
16) Methylene chloride	2.70	84	138816	46.98	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	123905	46.77	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	394861	47.78	ug/L	100
19) 1,1-Dichloroethane	3.45	63	245896	47.42	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	140958	46.96	ug/L	99
22) 2-Butanone	4.26	43	251509	93.96	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.55	128	70362	47.22	ug/L	95
25) Chloroform	4.68	83	239219	46.45	ug/L	100
27) 1,2-Dichloroethane	5.41	62	189208	47.68	ug/L	98
29) Cyclohexane	5.00	56	221731	47.94	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	193464	47.25	ug/L	100
31) Carbon tetrachloride	5.14	117	168815	47.85	ug/L	100
33) Benzene	5.39	78	535029	47.16	ug/L	100
34) Trichloroethene	6.19	95	136716	47.21	ug/L	97
35) Methylcyclohexane	6.42	83	214234	48.02	ug/L	100
37) 1,2-Dichloropropane	6.44	63	151334	46.99	ug/L	99
38) Bromodichloromethane	6.76	83	176846	47.24	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	219464	48.60	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	417089	95.22	ug/L	100
42) Toluene	7.64	91	567617	47.89	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	196857	48.65	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	132234	46.98	ug/L	99
46) Tetrachloroethene	8.23	164	112903	47.10	ug/L	98
48) 2-Hexanone	8.36	43	348039	96.60	ug/L	100
49) Dibromochloromethane	8.48	129	144001	48.21	ug/L	99
50) 1,2-Dibromoethane	8.59	107	136906	47.24	ug/L	98
51) Chlorobenzene	9.12	112	373609	47.01	ug/L	100
52) Ethylbenzene	9.25	91	628046	48.12	ug/L	100
53) m,p-Xylene	9.38	106	242667	48.94	ug/L	99
54) o-xylene	9.78	106	233069	48.16	ug/L	98
55) Styrene	9.80	104	413154	49.88	ug/L	99
56) Isopropylbenzene	10.17	105	614045	48.39	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	231720	47.51	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	182224	46.97	ug/L	100
61) Bromoform	9.96	173	105971	45.59	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	306245	47.22	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	319439	47.46	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	312576	47.24	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	46204	44.54	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	257328	48.19	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	222041	49.06	ug/L	99
69) Naphthalene	13.75	128	640199	49.73	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	227454	48.56	ug/L	99

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

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