

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050218\
 Data File : VU023593.D
 Acq On : 02 May 2018 21:51
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 03 05:30:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 03 05:16:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	336903	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	320914	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	168203	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92491	38.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.46%
7) Chloroethane-d5	1.68	69	75263	41.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.70%
11) 1,1-Dichloroethene-d2	2.27	63	195990	42.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.20%
21) 2-Butanone-d5	4.18	46	207276	125.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.64%
24) Chloroform-d	4.65	84	200021	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
26) 1,2-Dichloroethane-d4	5.31	65	131140	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.50%
32) Benzene-d6	5.35	84	397921	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
36) 1,2-Dichloropropane-d6	6.34	67	135998	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.32%
41) Toluene-d8	7.57	98	371759	46.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.66%
43) trans-1,3-Dichloropropene-	7.85	79	59548	47.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.92%
47) 2-Hexanone-d5	8.31	63	148754	135.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	135.82%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	197755	53.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.02%
64) 1,2-Dichlorobenzene-d4	11.87	152	152154	46.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.74%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.21	85	158221	43.49	ug/L	100
3) Chloromethane	1.33	50	175490	44.97	ug/L	100
5) Vinyl chloride	1.40	62	158834	42.98	ug/L	95
6) Bromomethane	1.63	94	85475	43.15	ug/L	97
8) Chloroethane	1.70	64	93180	41.72	ug/L	99
9) Trichlorofluoromethane	1.89	101	184244	44.30	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	116547	44.44	ug/L	99
12) 1,1-Dichloroethene	2.28	96	108657	44.19	ug/L	95
13) Acetone	2.33	43	169119	69.00	ug/L	99
14) Carbon disulfide	2.48	76	368772	43.51	ug/L	100
15) Methyl Acetate	2.62	43	180590	55.62	ug/L	98
16) Methylene chloride	2.70	84	140121	45.66	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	119976	44.60	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	383116	48.17	ug/L	99
19) 1,1-Dichloroethane	3.45	63	247030	46.27	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	138513	46.39	ug/L	100
22) 2-Butanone	4.27	43	258344	94.78	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	69063	46.08	ug/L	97
25) Chloroform	4.68	83	236648	43.22	ug/L	97
27) 1,2-Dichloroethane	5.41	62	190966	47.04	ug/L	100
29) Cyclohexane	5.00	56	220686	46.53	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	191168	47.03	ug/L	99
31) Carbon tetrachloride	5.14	117	163593	46.32	ug/L	100
33) Benzene	5.39	78	534311	47.25	ug/L	100
34) Trichloroethene	6.19	95	136076	46.96	ug/L	97
35) Methylcyclohexane	6.42	83	204972	45.23	ug/L	99
37) 1,2-Dichloropropane	6.44	63	152064	46.91	ug/L	99
38) Bromodichloromethane	6.76	83	176482	48.26	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	207055	46.36	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	467721	118.20	ug/L	99
42) Toluene	7.64	91	558714	47.67	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	190210	47.73	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	133210	48.37	ug/L	100
46) Tetrachloroethene	8.23	164	105716	44.77	ug/L	99
48) 2-Hexanone	8.36	43	372502	108.08	ug/L	100
49) Dibromochloromethane	8.48	129	140178	48.33	ug/L	100
50) 1,2-Dibromoethane	8.59	107	137520	49.45	ug/L	100
51) Chlorobenzene	9.12	112	357996	45.84	ug/L	99
52) Ethylbenzene	9.26	91	607669	47.83	ug/L	99
53) m,p-Xylene	9.38	106	231443	47.76	ug/L	98
54) o-xylene	9.79	106	226163	49.26	ug/L	98
55) Styrene	9.80	104	401212	49.95	ug/L	98
56) Isopropylbenzene	10.17	105	587703	48.77	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	234493	51.87	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	190403	53.21	ug/L	100
61) Bromoform	9.96	173	104763	49.55	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	276281	45.55	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	289001	45.63	ug/L	100
65) 1,2-Dichlorobenzene	11.89	146	288286	46.46	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	52796	58.60	ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	225930	44.47	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	198231	45.94	ug/L	100
69) Naphthalene	13.75	128	642354	56.73	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	214103	48.70	ug/L	99

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

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