

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU053018\
 Data File : VU024235.D
 Acq On : 30 May 2018 12:05
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 31 03:50:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 30 04:34:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	309974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	298478	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	143904	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94615	40.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.30%
7) Chloroethane-d5	1.67	69	84042	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.82%
11) 1,1-Dichloroethene-d2	2.27	63	192735	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.94%
21) 2-Butanone-d5	4.18	46	189977	101.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.41%
24) Chloroform-d	4.65	84	206853	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.96%
26) 1,2-Dichloroethane-d4	5.31	65	132612	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
32) Benzene-d6	5.34	84	396825	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
36) 1,2-Dichloropropane-d6	6.33	67	136253	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.26%
41) Toluene-d8	7.57	98	360448	47.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.16%
43) trans-1,3-Dichloropropene-	7.85	79	56231	49.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.90%
47) 2-Hexanone-d5	8.31	63	136722	101.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.22%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	218131	52.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	152865	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	156720	50.76	ug/L	99
3) Chloromethane	1.33	50	167464	48.79	ug/L	100
5) Vinyl chloride	1.40	62	162774	50.00	ug/L	100
6) Bromomethane	1.61	94	83141	49.50	ug/L	100
8) Chloroethane	1.69	64	98246	50.97	ug/L	99
9) Trichlorofluoromethane	1.88	101	190681	50.72	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	120453	52.82	ug/L	99
12) 1,1-Dichloroethene	2.28	96	107678	50.58	ug/L	90
13) Acetone	2.32	43	196080	120.09	ug/L	99
14) Carbon disulfide	2.47	76	340639	49.34	ug/L	99
15) Methyl Acetate	2.62	43	149064	50.09	ug/L	99
16) Methylene chloride	2.70	84	133751	50.49	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	114431	51.25	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	357778	53.13	ug/L	99
19) 1,1-Dichloroethane	3.45	63	232280	51.64	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	131884	52.83	ug/L	97
22) 2-Butanone	4.26	43	230294	107.56	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	68436	52.77	ug/L	97
25) Chloroform	4.68	83	226549	51.35	ug/L	98
27) 1,2-Dichloroethane	5.41	62	182293	52.03	ug/L	100
29) Cyclohexane	5.00	56	204777	52.26	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	186067	52.47	ug/L	98
31) Carbon tetrachloride	5.14	117	162646	52.38	ug/L	100
33) Benzene	5.39	78	512000	51.53	ug/L	100
34) Trichloroethene	6.19	95	123298	44.17	ug/L	99
35) Methylcyclohexane	6.42	83	202857	52.52	ug/L	98
37) 1,2-Dichloropropane	6.44	63	145167	52.10	ug/L	100
38) Bromodichloromethane	6.76	83	167852	51.26	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	195851	53.24	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	380703	100.77	ug/L	100
42) Toluene	7.64	91	534075	52.94	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	172681	52.70	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	128485	51.86	ug/L	99
46) Tetrachloroethene	8.23	164	100510	51.48	ug/L	99
48) 2-Hexanone	8.36	43	318445	106.84	ug/L	99
49) Dibromochloromethane	8.48	129	135360	51.94	ug/L	100
50) 1,2-Dibromoethane	8.59	107	128768	51.66	ug/L	99
51) Chlorobenzene	9.12	112	341125	52.10	ug/L	99
52) Ethylbenzene	9.26	91	568614	53.33	ug/L	100
53) m,p-Xylene	9.38	106	225502	55.82	ug/L	98
54) o-xylene	9.78	106	221426	54.73	ug/L	97
55) Styrene	9.80	104	376290	56.27	ug/L	99
56) Isopropylbenzene	10.17	105	560336	54.72	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	224461	51.51	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	180303	51.70	ug/L	99
61) Bromoform	9.96	173	100172	49.24	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	251282	52.15	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	257545	52.24	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	278285	52.28	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	44632	47.15	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	194477	54.68	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	141108	54.96	ug/L	99
69) Naphthalene	13.75	128	405250	53.59	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	159875	55.34	ug/L	99

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

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