

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052718\
 Data File : VU024205.D
 Acq On : 27 May 2018 22:10
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 28 04:22:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 04:17:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	319353	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	301258	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140925	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	114657	47.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.46%
7) Chloroethane-d5	1.67	69	93748	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.26%
11) 1,1-Dichloroethene-d2	2.27	63	216896	48.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.06%
21) 2-Butanone-d5	4.18	46	164676	85.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.32%
24) Chloroform-d	4.65	84	204055	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.31	65	130183	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
32) Benzene-d6	5.35	84	412856	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
36) 1,2-Dichloropropane-d6	6.34	67	135312	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.70%
41) Toluene-d8	7.57	98	375817	48.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.28%
43) trans-1,3-Dichloropropene-	7.85	79	55059	48.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.92%
47) 2-Hexanone-d5	8.31	63	117206	85.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.97%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	194706	46.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	148762	48.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.30%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	155857	49.00	ug/L	99
3) Chloromethane	1.33	50	166489	47.08	ug/L	99
5) Vinyl chloride	1.40	62	163805	48.84	ug/L	99
6) Bromomethane	1.61	94	82082	47.43	ug/L	98
8) Chloroethane	1.69	64	98906	49.81	ug/L	99
9) Trichlorofluoromethane	1.88	101	193720	50.01	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	117596	50.06	ug/L	99
12) 1,1-Dichloroethene	2.28	96	110292	50.29	ug/L	89
13) Acetone	2.32	43	132244	78.62	ug/L	100
14) Carbon disulfide	2.48	76	342561	48.16	ug/L	100
15) Methyl Acetate	2.62	43	147172	48.00	ug/L	98
16) Methylene chloride	2.70	84	134898	49.43	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	113320	49.26	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	361429	52.10	ug/L	99
19) 1,1-Dichloroethane	3.45	63	232524	50.18	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	131152	50.99	ug/L	99
22) 2-Butanone	4.26	43	200223	90.77	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	68261	51.09	ug/L	96
25) Chloroform	4.68	83	229560	50.50	ug/L	100
27) 1,2-Dichloroethane	5.41	62	180484	50.00	ug/L	100
29) Cyclohexane	5.00	56	205805	52.04	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	185370	51.79	ug/L	97
31) Carbon tetrachloride	5.14	117	160174	51.11	ug/L	100
33) Benzene	5.39	78	515700	51.42	ug/L	100
34) Trichloroethene	6.19	95	123156	43.72	ug/L	100
35) Methylcyclohexane	6.42	83	196933	50.51	ug/L	99
37) 1,2-Dichloropropane	6.44	63	145099	51.59	ug/L	100
38) Bromodichloromethane	6.76	83	163741	49.54	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	187482	50.49	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	368697	96.69	ug/L	99
42) Toluene	7.64	91	539809	53.02	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	166192	50.26	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	127985	51.18	ug/L	100
46) Tetrachloroethene	8.23	164	98631	50.05	ug/L	99
48) 2-Hexanone	8.36	43	290460	96.55	ug/L	100
49) Dibromochloromethane	8.48	129	134020	50.95	ug/L	99
50) 1,2-Dibromoethane	8.59	107	126818	50.40	ug/L	100
51) Chlorobenzene	9.12	112	336612	50.94	ug/L	99
52) Ethylbenzene	9.26	91	566124	52.60	ug/L	99
53) m,p-Xylene	9.38	106	214651	52.65	ug/L	99
54) o-xylene	9.78	106	217628	53.30	ug/L	99
55) Styrene	9.80	104	365929	54.22	ug/L	99
56) Isopropylbenzene	10.17	105	546939	52.92	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	217723	49.50	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	175982	49.99	ug/L	100
61) Bromoform	9.96	173	96482	48.43	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	238678	50.58	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	242787	50.28	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	268454	51.50	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	42116	45.43	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	175873	50.49	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	125607	49.96	ug/L	99
69) Naphthalene	13.75	128	360832	48.73	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	144970	51.24	ug/L	99

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

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