

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052718\
 Data File : VV006089.D
 Acq On : 27 May 2018 16:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 28 00:42:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 00:22:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	256156	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	237697	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127036	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105205	49.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.26%
7) Chloroethane-d5	1.55	69	37967	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.46%
11) 1,1-Dichloroethene-d2	2.12	63	190605	49.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.06%
21) 2-Butanone-d5	3.95	46	131983	121.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.99%
24) Chloroform-d	4.41	84	193252	51.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.86%
26) 1,2-Dichloroethane-d4	5.09	65	126212	51.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.54%
32) Benzene-d6	5.10	84	394727	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.12	67	130641	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.14%
41) Toluene-d8	7.36	98	374341	52.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.00%
43) trans-1,3-Dichloropropene-	7.67	79	59226	54.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.62%
47) 2-Hexanone-d5	8.14	63	117634	118.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.77%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	195084	54.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.38%
64) 1,2-Dichlorobenzene-d4	11.68	152	163822	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	97646	48.50	ug/L	# 82
3) Chloromethane	1.26	50	110680	50.29	ug/L	98
5) Vinyl chloride	1.32	62	108350	48.21	ug/L	100
6) Bromomethane	1.51	94	41516	49.95	ug/L	99
8) Chloroethane	1.57	64	26921	44.97	ug/L	98
9) Trichlorofluoromethane	1.75	101	141668	47.86	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	87722	47.93	ug/L	99
12) 1,1-Dichloroethene	2.13	96	79532	47.77	ug/L	93
13) Acetone	2.20	43	119883	99.87	ug/L	100
14) Carbon disulfide	2.31	76	223696	48.58	ug/L	100
15) Methyl Acetate	2.46	43	114019	51.38	ug/L	100
16) Methylene chloride	2.54	84	94386	49.94	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	84994	48.11	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	299835	51.02	ug/L	99
19) 1,1-Dichloroethane	3.23	63	167684	49.59	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	96269	50.53	ug/L	100
22) 2-Butanone	4.04	43	161385	103.79	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	48952	50.13	ug/L	100
25) Chloroform	4.43	83	167447	50.84	ug/L	98
27) 1,2-Dichloroethane	5.19	62	132239	49.97	ug/L	99
29) Cyclohexane	4.72	56	148877	50.70	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	136864	49.89	ug/L	99
31) Carbon tetrachloride	4.88	117	118602	49.68	ug/L	99
33) Benzene	5.15	78	368916	49.32	ug/L	100
34) Trichloroethene	5.96	95	90258	48.10	ug/L	99
35) Methylcyclohexane	6.18	83	153237	50.40	ug/L	100
37) 1,2-Dichloropropane	6.23	63	102692	50.34	ug/L	99
38) Bromodichloromethane	6.56	83	118884	50.31	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	148643	52.41	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	293322	109.79	ug/L	100
42) Toluene	7.44	91	388196	50.67	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	137469	52.54	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	95270	50.79	ug/L	99
46) Tetrachloroethene	8.02	164	76961	49.16	ug/L	99
48) 2-Hexanone	8.20	43	242098	109.50	ug/L	99
49) Dibromochloromethane	8.30	129	99474	51.28	ug/L	99
50) 1,2-Dibromoethane	8.40	107	97143	52.08	ug/L	99
51) Chlorobenzene	8.93	112	252670	49.95	ug/L	99
52) Ethylbenzene	9.06	91	418706	50.74	ug/L	100
53) m,p-Xylene	9.19	106	160029	51.56	ug/L	99
54) o-xylene	9.59	106	158990	51.19	ug/L	99
55) Styrene	9.61	104	275619	52.84	ug/L	100
56) Isopropylbenzene	9.98	105	416809	51.99	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	172053	52.08	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	132199	52.04	ug/L	100
61) Bromoform	9.78	173	76877	50.64	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	203666	49.79	ug/L	99
63) 1,4-Dichlorobenzene	11.33	146	213782	49.93	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	227102	50.23	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	33083	56.61	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	162409	51.09	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	134147	53.15	ug/L	100
69) Naphthalene	13.56	128	383636	58.35	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	147177	54.57	ug/L	99

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

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