

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052718\
 Data File : VV006088.D
 Acq On : 27 May 2018 15:36
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 28 00:42:20 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	265727	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	246868	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	134006	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111885	50.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.72%
7) Chloroethane-d5	1.55	69	38315	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.82%
11) 1,1-Dichloroethene-d2	2.12	63	200931	49.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.66%
21) 2-Butanone-d5	3.95	46	130119	115.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.94%
24) Chloroform-d	4.41	84	199267	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.24%
26) 1,2-Dichloroethane-d4	5.09	65	129632	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
32) Benzene-d6	5.10	84	410030	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
36) 1,2-Dichloropropane-d6	6.12	67	134778	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.46%
41) Toluene-d8	7.36	98	389782	52.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.26%
43) trans-1,3-Dichloropropene-	7.67	79	60894	53.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.54%
47) 2-Hexanone-d5	8.14	63	114524	111.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	197139	52.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.44%
64) 1,2-Dichlorobenzene-d4	11.68	152	173933	51.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.64%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	103027	49.33	ug/L	# 83
3) Chloromethane	1.26	50	117331	51.39	ug/L	100
5) Vinyl chloride	1.32	62	115054	49.35	ug/L	100
6) Bromomethane	1.51	94	44266	51.34	ug/L	95
8) Chloroethane	1.57	64	27494	44.27	ug/L	98
9) Trichlorofluoromethane	1.74	101	148447	48.34	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	92304	48.62	ug/L	99
12) 1,1-Dichloroethene	2.13	96	84359	48.84	ug/L	98
13) Acetone	2.20	43	119883	96.27	ug/L	100
14) Carbon disulfide	2.31	76	239553	50.15	ug/L	99
15) Methyl Acetate	2.46	43	111036	48.23	ug/L	100
16) Methylene chloride	2.53	84	96447	49.20	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	90256	49.25	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	299251	49.09	ug/L	99
19) 1,1-Dichloroethane	3.23	63	172185	49.08	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	99887	50.54	ug/L	100
22) 2-Butanone	4.04	43	160187	99.31	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	50386	49.74	ug/L	99
25) Chloroform	4.43	83	170685	49.96	ug/L	99
27) 1,2-Dichloroethane	5.19	62	136855	49.86	ug/L	99
29) Cyclohexane	4.72	56	155236	50.90	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	142916	50.16	ug/L	98
31) Carbon tetrachloride	4.88	117	124186	50.09	ug/L	100
33) Benzene	5.15	78	380936	49.03	ug/L	100
34) Trichloroethene	5.96	95	93860	48.16	ug/L	98
35) Methylcyclohexane	6.18	83	160253	50.75	ug/L	98
37) 1,2-Dichloropropane	6.23	63	102045	48.16	ug/L	100
38) Bromodichloromethane	6.56	83	122354	49.85	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	153931	52.25	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	286742	103.34	ug/L	99
42) Toluene	7.44	91	403490	50.71	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	142491	52.44	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	95234	48.89	ug/L	99
46) Tetrachloroethene	8.02	164	80632	49.59	ug/L	98
48) 2-Hexanone	8.20	43	241901	105.34	ug/L	99
49) Dibromochloromethane	8.30	129	102063	50.66	ug/L	99
50) 1,2-Dibromoethane	8.40	107	98111	50.65	ug/L	99
51) Chlorobenzene	8.93	112	262003	49.87	ug/L	99
52) Ethylbenzene	9.06	91	440352	51.38	ug/L	99
53) m,p-Xylene	9.19	106	166595	51.68	ug/L	99
54) o-xylene	9.59	106	166430	51.60	ug/L	100
55) Styrene	9.61	104	288635	53.28	ug/L	99
56) Isopropylbenzene	9.98	105	439201	52.75	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	172901	50.39	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	133170	50.48	ug/L	99
61) Bromoform	9.79	173	78780	49.19	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	216655	50.21	ug/L	99
63) 1,4-Dichlorobenzene	11.33	146	226257	50.09	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	239901	50.30	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	31912	51.77	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	174385	52.00	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	144282	54.20	ug/L	99
69) Naphthalene	13.56	128	399184	57.55	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	156439	54.99	ug/L	100

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

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