

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052718\
 Data File : VV006112.D
 Acq On : 28 May 2018 02:51
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 28 04:47:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 00:47:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	250774	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	236187	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121690	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99567	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.98%
7) Chloroethane-d5	1.55	69	37498	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.32%
11) 1,1-Dichloroethene-d2	2.13	63	184563	48.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.00%
21) 2-Butanone-d5	3.95	46	109020	102.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.93%
24) Chloroform-d	4.41	84	188687	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.58%
26) 1,2-Dichloroethane-d4	5.09	65	122351	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
32) Benzene-d6	5.10	84	378999	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
36) 1,2-Dichloropropane-d6	6.12	67	125795	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.94%
41) Toluene-d8	7.36	98	361563	51.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.06%
43) trans-1,3-Dichloropropene-	7.67	79	52638	48.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.16%
47) 2-Hexanone-d5	8.14	63	104110	105.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.79%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	183313	51.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	154866	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	94595	48.00	ug/L	# 82
3) Chloromethane	1.26	50	110068	51.08	ug/L	99
5) Vinyl chloride	1.32	62	106087	48.21	ug/L	99
6) Bromomethane	1.51	94	38990	47.92	ug/L	99
8) Chloroethane	1.57	64	27211	46.43	ug/L	100
9) Trichlorofluoromethane	1.75	101	138974	47.95	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	84098	46.94	ug/L	99
12) 1,1-Dichloroethene	2.13	96	77945	47.82	ug/L	95
13) Acetone	2.20	43	85243	72.53	ug/L	99
14) Carbon disulfide	2.31	76	210381	46.67	ug/L	100
15) Methyl Acetate	2.46	43	106625	49.08	ug/L	99
16) Methylene chloride	2.54	84	91705	49.57	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	83096	48.04	ug/L	97
18) Methyl tert-butyl Ether	2.81	73	281773	48.98	ug/L	99
19) 1,1-Dichloroethane	3.23	63	165468	49.98	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	91902	49.28	ug/L	99
22) 2-Butanone	4.04	43	142298	93.48	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	46919	49.08	ug/L	99
25) Chloroform	4.43	83	160902	49.90	ug/L	98
27) 1,2-Dichloroethane	5.19	62	128756	49.70	ug/L	100
29) Cyclohexane	4.73	56	138523	47.48	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	133471	48.97	ug/L	98
31) Carbon tetrachloride	4.88	117	116232	49.00	ug/L	100
33) Benzene	5.15	78	361633	48.65	ug/L	100
34) Trichloroethene	5.96	95	87567	46.97	ug/L	99
35) Methylcyclohexane	6.18	83	142497	47.17	ug/L	99
37) 1,2-Dichloropropane	6.23	63	99666	49.16	ug/L	100
38) Bromodichloromethane	6.56	83	113306	48.25	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	134767	47.82	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	267305	100.69	ug/L	100
42) Toluene	7.44	91	379558	49.86	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	124278	47.81	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	90087	48.34	ug/L	98
46) Tetrachloroethene	8.02	164	73235	47.08	ug/L	99
48) 2-Hexanone	8.20	43	211806	96.41	ug/L	99
49) Dibromochloromethane	8.30	129	93573	48.54	ug/L	99
50) 1,2-Dibromoethane	8.40	107	91431	49.33	ug/L	100
51) Chlorobenzene	8.93	112	241777	48.10	ug/L	99
52) Ethylbenzene	9.06	91	402070	49.04	ug/L	100
53) m,p-Xylene	9.19	106	152991	49.61	ug/L	98
54) o-xylene	9.59	106	153054	49.59	ug/L	99
55) Styrene	9.61	104	268780	51.85	ug/L	99
56) Isopropylbenzene	9.98	105	398230	49.99	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	161378	49.16	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	124725	49.41	ug/L	99
61) Bromoform	9.78	173	71296	49.03	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	189707	48.41	ug/L	100
63) 1,4-Dichlorobenzene	11.33	146	200324	48.84	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	217161	50.14	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	29091	51.97	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	149267	49.02	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	118717	49.11	ug/L	100
69) Naphthalene	13.56	128	337645	53.61	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	134627	52.11	ug/L	98

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

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