

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052618\
 Data File : VV006048.D
 Acq On : 26 May 2018 11:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 28 01:59:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 26 01:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	190234	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	179718	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85215	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63922	48.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.22%
7) Chloroethane-d5	1.57	69	44791	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.34%
11) 1,1-Dichloroethene-d2	2.13	63	122870	49.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.36%
21) 2-Butanone-d5	3.95	46	64473	84.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.72%
24) Chloroform-d	4.40	84	124130	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
26) 1,2-Dichloroethane-d4	5.09	65	81300	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.46%
32) Benzene-d6	5.10	84	241130	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
36) 1,2-Dichloropropane-d6	6.12	67	75338	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.32%
41) Toluene-d8	7.36	98	229881	52.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.02%
43) trans-1,3-Dichloropropene-	7.67	79	37131	53.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.28%
47) 2-Hexanone-d5	8.14	63	60298	101.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.11%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	103595	49.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.32%
64) 1,2-Dichlorobenzene-d4	11.68	152	86196	50.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.72%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	84220	49.92	ug/L	98
3) Chloromethane	1.26	50	85376	46.63	ug/L	99
5) Vinyl chloride	1.32	62	79834	49.30	ug/L	99
6) Bromomethane	1.52	94	33357	46.64	ug/L	100
8) Chloroethane	1.59	64	44302	47.82	ug/L	99
9) Trichlorofluoromethane	1.76	101	113543	50.36	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	65586	51.79	ug/L	99
12) 1,1-Dichloroethene	2.14	96	58258	49.84	ug/L	99
13) Acetone	2.19	43	90359	115.40	ug/L	99
14) Carbon disulfide	2.32	76	172367	49.54	ug/L	99
15) Methyl Acetate	2.46	43	76181	46.36	ug/L	99
16) Methylene chloride	2.54	84	67272	48.09	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	62287	49.65	ug/L	97
18) Methyl tert-butyl Ether	2.81	73	208009	49.06	ug/L	100
19) 1,1-Dichloroethane	3.23	63	127042	49.16	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	74715	49.53	ug/L	96
22) 2-Butanone	4.03	43	118493	105.26	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	36273	49.37	ug/L	99
25) Chloroform	4.43	83	133291	49.10	ug/L	100
27) 1,2-Dichloroethane	5.19	62	106934	48.49	ug/L	98
29) Cyclohexane	4.72	56	113003	51.22	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	117176	49.57	ug/L	99
31) Carbon tetrachloride	4.88	117	104348	51.11	ug/L	99
33) Benzene	5.15	78	283658	50.28	ug/L	100
34) Trichloroethene	5.96	95	71704	49.47	ug/L	97
35) Methylcyclohexane	6.18	83	123753	54.83	ug/L	99
37) 1,2-Dichloropropane	6.23	63	74766	49.51	ug/L	100
38) Bromodichloromethane	6.56	83	98146	50.19	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	114869	51.69	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	200902	100.42	ug/L	100
42) Toluene	7.43	91	299655	51.14	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	108832	51.98	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	70430	49.06	ug/L	100
46) Tetrachloroethene	8.02	164	56333	51.71	ug/L	96
48) 2-Hexanone	8.19	43	170421	111.46	ug/L	96
49) Dibromochloromethane	8.30	129	76615	50.30	ug/L	100
50) 1,2-Dibromoethane	8.40	107	73407	49.59	ug/L	100
51) Chlorobenzene	8.93	112	194037	49.56	ug/L	100
52) Ethylbenzene	9.06	91	338182	52.38	ug/L	98
53) m,p-Xylene	9.19	106	125534	52.68	ug/L	99
54) o-xylene	9.59	106	125688	53.34	ug/L	99
55) Styrene	9.61	104	215690	53.49	ug/L	100
56) Isopropylbenzene	9.98	105	336188	53.41	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	116751	49.59	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	93595	48.63	ug/L	100
61) Bromoform	9.78	173	50740	49.26	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	143598	50.48	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	149300	50.09	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	152787	49.99	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	24196	47.45	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	108162	53.26	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	88476	53.06	ug/L	98
69) Naphthalene	13.56	128	281931	53.88	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	96448	52.65	ug/L	99

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

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