

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052618\
 Data File : VV006081.D
 Acq On : 27 May 2018 03:30
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: May 28 04:19:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 02:03:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	171328	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	163434	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82354	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58056	48.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.04%
7) Chloroethane-d5	1.55	69	13536	16.00	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	32.00%#
11) 1,1-Dichloroethene-d2	2.12	63	109179	49.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.04%
21) 2-Butanone-d5	3.95	46	55404	80.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.84%
24) Chloroform-d	4.41	84	112414	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
26) 1,2-Dichloroethane-d4	5.09	65	73476	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.80%
32) Benzene-d6	5.10	84	219054	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.84%
36) 1,2-Dichloropropane-d6	6.12	67	68372	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.12%
41) Toluene-d8	7.36	98	207117	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%
43) trans-1,3-Dichloropropene-	7.67	79	29954	47.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.28%
47) 2-Hexanone-d5	8.14	63	58592	108.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	104568	55.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.24%
64) 1,2-Dichlorobenzene-d4	11.68	152	85062	51.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.86%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.13	85	74880	49.28	ug/L	100
3) Chloromethane	1.26	50	71712	43.49	ug/L	99
5) Vinyl chloride	1.32	62	73365	50.31	ug/L	100
6) Bromomethane	1.51	94	16441	25.52	ug/L	97
8) Chloroethane	1.57	64	12245	14.68	ug/L	99
9) Trichlorofluoromethane	1.75	101	99770	49.14	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	56066	49.16	ug/L	99
12) 1,1-Dichloroethene	2.13	96	52069	49.46	ug/L	96
13) Acetone	2.20	43	59704	84.66	ug/L	99
14) Carbon disulfide	2.31	76	143002	45.63	ug/L	99
15) Methyl Acetate	2.46	43	71112	48.05	ug/L	99
16) Methylene chloride	2.53	84	60794	48.25	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	54869	48.56	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	187611	49.13	ug/L	99
19) 1,1-Dichloroethane	3.23	63	115354	49.56	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	65622	48.31	ug/L	100
22) 2-Butanone	4.04	43	100172	98.81	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	32369	48.92	ug/L	97
25) Chloroform	4.43	83	120737	49.38	ug/L	99
27) 1,2-Dichloroethane	5.19	62	97894	49.29	ug/L	99
29) Cyclohexane	4.72	56	98037	48.87	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	104918	48.81	ug/L	99
31) Carbon tetrachloride	4.87	117	90162	48.56	ug/L	100
33) Benzene	5.15	78	257395	50.18	ug/L	100
34) Trichloroethene	5.96	95	65043	49.34	ug/L	97
35) Methylcyclohexane	6.18	83	102341	49.86	ug/L	99
37) 1,2-Dichloropropane	6.23	63	68160	49.64	ug/L	99
38) Bromodichloromethane	6.56	83	85235	47.93	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	92423	45.73	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	188753	103.75	ug/L	100
42) Toluene	7.44	91	272909	51.21	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	87802	46.11	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	65470	50.15	ug/L	99
46) Tetrachloroethene	8.02	164	48229	48.68	ug/L	99
48) 2-Hexanone	8.20	43	149683	107.65	ug/L	97
49) Dibromochloromethane	8.30	129	69231	49.98	ug/L	98
50) 1,2-Dibromoethane	8.40	107	65981	49.02	ug/L	97
51) Chlorobenzene	8.93	112	175951	49.42	ug/L	98
52) Ethylbenzene	9.06	91	294486	50.16	ug/L	99
53) m,p-Xylene	9.19	106	113932	52.57	ug/L	98
54) o-xylene	9.59	106	112428	52.47	ug/L	98
55) Styrene	9.61	104	195540	53.32	ug/L	99
56) Isopropylbenzene	9.98	105	295400	51.61	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	115483	53.94	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	93922	53.66	ug/L	99
61) Bromoform	9.78	173	46551	46.76	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	131947	48.00	ug/L	100
63) 1,4-Dichlorobenzene	11.33	146	138551	48.10	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	150266	50.88	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	22344	45.34	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	95831	48.82	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	75805	47.04	ug/L	98
69) Naphthalene	13.56	128	248236	49.09	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	85480	48.28	ug/L	99

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

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