

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052618\
 Data File : VV006070.D
 Acq On : 26 May 2018 21:28
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 28 02:09:04 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	176739	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168023	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81076	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58905	47.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.44%
7) Chloroethane-d5	1.55	69	12179	13.95	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	27.90%#
11) 1,1-Dichloroethene-d2	2.12	63	114404	49.79	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.58%
21) 2-Butanone-d5	3.96	46	59758	84.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.52%
24) Chloroform-d	4.41	84	116286	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
26) 1,2-Dichloroethane-d4	5.09	65	75089	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
32) Benzene-d6	5.10	84	226967	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.62%
36) 1,2-Dichloropropane-d6	6.12	67	70088	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.82%
41) Toluene-d8	7.36	98	211782	51.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.50%
43) trans-1,3-Dichloropropene-	7.67	79	31453	48.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.28%
47) 2-Hexanone-d5	8.15	63	59004	105.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.83%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	103470	53.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.10%
64) 1,2-Dichlorobenzene-d4	11.68	152	83006	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.13	85	74453	47.50	ug/L	# 82
3) Chloromethane	1.26	50	69417	40.81	ug/L	100
5) Vinyl chloride	1.32	62	72337	48.08	ug/L	98
6) Bromomethane	1.51	94	15477	23.29	ug/L	98
8) Chloroethane	1.57	64	10912	12.68	ug/L	96
9) Trichlorofluoromethane	1.74	101	100717	48.08	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	58739	49.93	ug/L	99
12) 1,1-Dichloroethene	2.13	96	52842	48.66	ug/L	98
13) Acetone	2.20	43	61263	84.21	ug/L	98
14) Carbon disulfide	2.31	76	145880	45.12	ug/L	99
15) Methyl Acetate	2.46	43	71983	47.15	ug/L	99
16) Methylene chloride	2.53	84	60469	46.52	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	55830	47.90	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	192167	48.79	ug/L	99
19) 1,1-Dichloroethane	3.22	63	117250	48.83	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	66664	47.57	ug/L	98
22) 2-Butanone	4.04	43	101934	97.47	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	33367	48.88	ug/L	98
25) Chloroform	4.43	83	121439	48.15	ug/L	99
27) 1,2-Dichloroethane	5.19	62	99447	48.54	ug/L	99
29) Cyclohexane	4.72	56	99966	48.47	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	104736	47.40	ug/L	99
31) Carbon tetrachloride	4.87	117	91101	47.73	ug/L	99
33) Benzene	5.15	78	259193	49.15	ug/L	100
34) Trichloroethene	5.96	95	66965	49.41	ug/L	98
35) Methylcyclohexane	6.18	83	105354	49.92	ug/L	99
37) 1,2-Dichloropropane	6.23	63	68218	48.32	ug/L	99
38) Bromodichloromethane	6.56	83	85430	46.73	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	96740	46.56	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	187159	100.06	ug/L	99
42) Toluene	7.44	91	273710	49.96	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	90740	46.35	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	65573	48.85	ug/L	100
46) Tetrachloroethene	8.02	164	49466	48.56	ug/L	99
48) 2-Hexanone	8.20	43	150939	105.59	ug/L	96
49) Dibromochloromethane	8.30	129	68713	48.25	ug/L	98
50) 1,2-Dibromoethane	8.40	107	66358	47.95	ug/L	98
51) Chlorobenzene	8.93	112	175867	48.04	ug/L	99
52) Ethylbenzene	9.06	91	297175	49.23	ug/L	99
53) m,p-Xylene	9.19	106	113454	50.92	ug/L	97
54) o-xylene	9.59	106	113054	51.32	ug/L	98
55) Styrene	9.61	104	197165	52.30	ug/L	99
56) Isopropylbenzene	9.98	105	297789	50.61	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	112600	51.15	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	90401	50.24	ug/L	100
61) Bromoform	9.78	173	45183	46.10	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	129671	47.92	ug/L	97
63) 1,4-Dichlorobenzene	11.33	146	136375	48.09	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	145154	49.92	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	21865	45.06	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	93348	48.31	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	75591	47.64	ug/L	99
69) Naphthalene	13.56	128	245569	49.33	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	85898	49.28	ug/L	99

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

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