

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121318\
 Data File : VV008909.D
 Acq On : 13 Dec 2018 15:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

Quant Time: Dec 14 01:02:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 14 00:58:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	213679	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	199901	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97415	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59456	47.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.30%
7) Chloroethane-d5	1.57	69	43593	55.51	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.02%
11) 1,1-Dichloroethene-d2	2.13	63	145983	49.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.08%
21) 2-Butanone-d5	3.93	46	88186	105.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.84%
24) Chloroform-d	4.40	84	137006	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.92%
26) 1,2-Dichloroethane-d4	5.08	65	86378	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
32) Benzene-d6	5.10	84	271242	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.70%
36) 1,2-Dichloropropane-d6	6.12	67	79164	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.80%
41) Toluene-d8	7.36	98	256607	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%
43) trans-1,3-Dichloropropene-	7.66	79	43797	53.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.70%
47) 2-Hexanone-d5	8.13	63	66205	110.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	108924	52.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.24%
64) 1,2-Dichlorobenzene-d4	11.68	152	103707	51.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.24%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	75892	50.566	ug/L 100
3) Chloromethane	1.25	50	62284	49.458	ug/L 95
5) Vinyl chloride	1.32	62	63868	48.555	ug/L 99
6) Bromomethane	1.52	94	30704	43.628	ug/L 99
8) Chloroethane	1.59	64	36056	53.739	ug/L 96
9) Trichlorofluoromethane	1.76	101	121354	50.918	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	74159	50.851	ug/L 99
12) 1,1-Dichloroethene	2.14	96	63969	48.213	ug/L 97
13) Acetone	2.19	43	114894	91.707	ug/L 96
14) Carbon disulfide	2.32	76	175520	48.446	ug/L 100
15) Methyl Acetate	2.46	43	68518	50.532	ug/L 99
16) Methylene chloride	2.53	84	72097	48.800	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	67310	50.130	ug/L 96
18) Methyl tert-butyl Ether	2.80	73	219437	51.340	ug/L 99
19) 1,1-Dichloroethane	3.23	63	122289	51.592	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	76155	49.440	ug/L 93
22) 2-Butanone	4.01	43	106782	101.524	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	40619	50.385	ug/L	94
25) Chloroform	4.43	83	132262	50.053	ug/L	98
27) 1,2-Dichloroethane	5.18	62	102207	49.782	ug/L	100
29) Cyclohexane	4.73	56	107250	50.369	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	120364	49.140	ug/L	100
31) Carbon tetrachloride	4.88	117	108863	49.224	ug/L	100
33) Benzene	5.15	78	276038	50.095	ug/L	100
34) Trichloroethene	5.96	95	79223	49.804	ug/L	100
35) Methylcyclohexane	6.18	83	122313	51.850	ug/L	98
37) 1,2-Dichloropropane	6.22	63	71741	50.359	ug/L	99
38) Bromodichloromethane	6.56	83	97305	49.356	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	116531	51.293	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	167024	101.483	ug/L	99
42) Toluene	7.43	91	301375	51.191	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	109769	51.835	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	73468	50.929	ug/L	99
46) Tetrachloroethene	8.02	164	65880	52.010	ug/L	95
48) 2-Hexanone	8.18	43	132518	96.683	ug/L	96
49) Dibromochloromethane	8.29	129	85574	51.044	ug/L	97
50) 1,2-Dibromoethane	8.40	107	78625	50.993	ug/L #	99
51) Chlorobenzene	8.93	112	202647	50.375	ug/L	100
52) Ethylbenzene	9.06	91	339577	52.269	ug/L	100
53) m,p-Xylene	9.18	106	128022	51.675	ug/L	96
54) o-xylene	9.59	106	129317	52.773	ug/L	97
55) Styrene	9.60	104	216064	53.331	ug/L	100
56) Isopropylbenzene	9.98	105	344474	53.257	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	107534	50.744	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	89617	49.952	ug/L	98
61) Bromoform	9.78	173	62305	49.781	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	162261	51.960	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	165040	52.485	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	166969	52.657	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	23271	53.686	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	114873	57.077	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	80739	58.485	ug/L	99
69) Naphthalene	13.55	128	174552	50.569	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	80567	57.953	ug/L	99

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

