

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082418\
 Data File : VV007176.D
 Acq On : 24 Aug 2018 18:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Quant Time: Aug 25 00:01:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 23:56:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	708226	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	681814	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	338850	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	231085	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.90%
7) Chloroethane-d5	1.58	69	189947	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.18%
11) 1,1-Dichloroethene-d2	2.13	63	413918	47.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.66%
21) 2-Butanone-d5	3.95	46	350202	94.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.46%
24) Chloroform-d	4.40	84	458545	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
26) 1,2-Dichloroethane-d4	5.09	65	282463	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
32) Benzene-d6	5.10	84	958117	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
36) 1,2-Dichloropropane-d6	6.12	67	304949	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.96%
41) Toluene-d8	7.36	98	877275	51.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.90%
43) trans-1,3-Dichloropropene-	7.67	79	137082	49.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.70%
47) 2-Hexanone-d5	8.14	63	198726	99.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.09%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	414264	48.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.86%
64) 1,2-Dichlorobenzene-d4	11.68	152	330956	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	282173	49.811 ug/L	99
3) Chloromethane	1.25	50	314594	46.042 ug/L	100
5) Vinyl chloride	1.32	62	282972	47.522 ug/L	100
6) Bromomethane	1.53	94	94304	48.883 ug/L	96
8) Chloroethane	1.60	64	168280	47.613 ug/L	99
9) Trichlorofluoromethane	1.77	101	373824	49.410 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	229378	49.997 ug/L	99
12) 1,1-Dichloroethene	2.14	96	212650	48.537 ug/L	93
13) Acetone	2.20	43	256632	93.759 ug/L	98
14) Carbon disulfide	2.32	76	641315	47.766 ug/L	100
15) Methyl Acetate	2.47	43	233547	47.860 ug/L	99
16) Methylene chloride	2.54	84	240690	48.454 ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	230567	48.819 ug/L	100
18) Methyl tert-butyl Ether	2.81	73	682352	48.372 ug/L	99
19) 1,1-Dichloroethane	3.23	63	463926	48.185 ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	270964	49.035 ug/L	96
22) 2-Butanone	4.04	43	413377	97.020 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	137537	48.689	ug/L	99
25) Chloroform	4.43	83	463892	49.094	ug/L	99
27) 1,2-Dichloroethane	5.19	62	348890	49.920	ug/L	98
29) Cyclohexane	4.73	56	399332	51.603	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	388015	49.642	ug/L	100
31) Carbon tetrachloride	4.88	117	336312	50.109	ug/L	100
33) Benzene	5.15	78	1071555	50.741	ug/L	100
34) Trichloroethene	5.96	95	255898	49.831	ug/L	98
35) Methylcyclohexane	6.18	83	432739	52.990	ug/L	99
37) 1,2-Dichloropropane	6.22	63	279359	49.726	ug/L	99
38) Bromodichloromethane	6.56	83	336309	49.225	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	404513	51.661	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	692758	105.173	ug/L	98
42) Toluene	7.43	91	1083370	52.919	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	369734	50.817	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	261913	50.343	ug/L	99
46) Tetrachloroethene	8.02	164	213316	50.371	ug/L	99
48) 2-Hexanone	8.19	43	559276	108.447	ug/L	98
49) Dibromochloromethane	8.30	129	269105	50.430	ug/L	98
50) 1,2-Dibromoethane	8.40	107	263205	50.353	ug/L	98
51) Chlorobenzene	8.93	112	703763	50.840	ug/L	99
52) Ethylbenzene	9.06	91	1125424	52.937	ug/L	99
53) m,p-Xylene	9.19	106	430618	53.345	ug/L	99
54) o-xylene	9.59	106	413455	53.215	ug/L	98
55) Styrene	9.61	104	744128	55.816	ug/L	98
56) Isopropylbenzene	9.98	105	1076827	54.185	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	425834	49.848	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	338122	49.228	ug/L	99
61) Bromoform	9.78	173	193648	47.312	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	516129	49.990	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	553945	49.865	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	551600	49.803	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	73732	47.121	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	401841	53.349	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	314200	55.932	ug/L	99
69) Naphthalene	13.56	128	817372	53.485	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	343713	57.016	ug/L	100

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

