

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\
 Data File : VV008993.D
 Acq On : 17 Dec 2018 20:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Dec 18 01:53:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 18 01:46:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	207850	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	196452	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97014	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58084	47.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.70%
7) Chloroethane-d5	1.56	69	42017	55.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.13	63	142710	49.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.56%
21) 2-Butanone-d5	3.93	46	92839	114.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.55%
24) Chloroform-d	4.40	84	130550	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
26) 1,2-Dichloroethane-d4	5.08	65	82754	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.32%
32) Benzene-d6	5.10	84	258951	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
36) 1,2-Dichloropropane-d6	6.12	67	77704	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.70%
41) Toluene-d8	7.36	98	248149	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%
43) trans-1,3-Dichloropropene-	7.67	79	39653	49.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.30%
47) 2-Hexanone-d5	8.13	63	67130	114.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.01%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	105525	51.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.76%
64) 1,2-Dichlorobenzene-d4	11.68	152	99347	49.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.30%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	72194	49.451	ug/L 100
3) Chloromethane	1.25	50	62887	51.338	ug/L 98
5) Vinyl chloride	1.33	62	64458	50.378	ug/L 100
6) Bromomethane	1.51	94	29758	43.469	ug/L 98
8) Chloroethane	1.58	64	39373	60.329	ug/L 100
9) Trichlorofluoromethane	1.76	101	124061	53.514	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	72014	50.765	ug/L 97
12) 1,1-Dichloroethene	2.14	96	65454	50.716	ug/L 95
13) Acetone	2.19	43	83182	68.257	ug/L 96
14) Carbon disulfide	2.32	76	165418	46.938	ug/L 100
15) Methyl Acetate	2.46	43	72190	54.733	ug/L 98
16) Methylene chloride	2.54	84	71726	49.910	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	66302	50.764	ug/L 98
18) Methyl tert-butyl Ether	2.81	73	217227	52.248	ug/L 99
19) 1,1-Dichloroethane	3.23	63	121487	52.691	ug/L 98
20) cis-1,2-Dichloroethene	3.96	96	77292	51.585	ug/L 100
22) 2-Butanone	4.02	43	98067	95.853	ug/L 93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\
 Data File : VV008993.D
 Acq On : 17 Dec 2018 20:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Dec 18 01:53:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 18 01:46:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	40645	51.831	ug/L	99
25) Chloroform	4.43	83	132397	51.509	ug/L	98
27) 1,2-Dichloroethane	5.18	62	101629	50.889	ug/L	99
29) Cyclohexane	4.73	56	103103	49.271	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	118553	49.251	ug/L	100
31) Carbon tetrachloride	4.88	117	104533	48.096	ug/L	100
33) Benzene	5.15	78	273921	50.584	ug/L	100
34) Trichloroethene	5.96	95	80355	51.402	ug/L	95
35) Methylcyclohexane	6.18	83	116638	50.313	ug/L	99
37) 1,2-Dichloropropane	6.22	63	71834	51.310	ug/L	100
38) Bromodichloromethane	6.56	83	97180	50.158	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	113113	50.662	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	177337	109.641	ug/L	100
42) Toluene	7.43	91	300646	51.964	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	104967	50.437	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	74966	52.880	ug/L	97
46) Tetrachloroethene	8.02	164	62061	49.855	ug/L	99
48) 2-Hexanone	8.18	43	144862	107.545	ug/L	99
49) Dibromochloromethane	8.29	129	84529	51.306	ug/L	100
50) 1,2-Dibromoethane	8.40	107	78711	51.945	ug/L	99
51) Chlorobenzene	8.93	112	201584	50.990	ug/L	99
52) Ethylbenzene	9.06	91	330898	51.827	ug/L	100
53) m,p-Xylene	9.18	106	127960	52.557	ug/L	99
54) o-xylene	9.59	106	125476	52.105	ug/L	98
55) Styrene	9.60	104	213424	53.604	ug/L	99
56) Isopropylbenzene	9.98	105	333560	52.475	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	110048	52.842	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	95334	54.072	ug/L	99
61) Bromoform	9.78	173	59072	47.393	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	159449	51.270	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	160513	51.256	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	164014	51.939	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	22617	52.393	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	106939	53.354	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	72872	53.005	ug/L	100
69) Naphthalene	13.56	128	169104	49.193	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	73406	53.020	ug/L	99

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

