

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU061319\
 Data File : VU032695.D
 Acq On : 13 Jun 2019 15:29
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05050

Quant Time: Jun 14 01:30:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:25:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	165773	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	160092	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88024	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50344	46.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.62%
7) Chloroethane-d5	1.67	69	42650	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.70%
11) 1,1-Dichloroethene-d2	2.27	63	104613	49.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.36%
21) 2-Butanone-d5	4.17	46	105175	116.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.85%
24) Chloroform-d	4.64	84	107956	53.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.64%
26) 1,2-Dichloroethane-d4	5.30	65	68966	54.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.16%
32) Benzene-d6	5.33	84	203535	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.94%
36) 1,2-Dichloropropane-d6	6.32	67	65773	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.94%
41) Toluene-d8	7.56	98	187889	47.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.36%
43) trans-1,3-Dichloropropene-	7.85	79	31716	50.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.70%
47) 2-Hexanone-d5	8.31	63	71783	113.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102805	54.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.88%
64) 1,2-Dichlorobenzene-d4	11.85	152	83028	49.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	74862	50.092	ug/L 99
3) Chloromethane	1.32	50	67767	46.927	ug/L 99
5) Vinyl chloride	1.40	62	70095	48.591	ug/L 100
6) Bromomethane	1.62	94	39069	45.447	ug/L 97
8) Chloroethane	1.69	64	40303	47.003	ug/L 98
9) Trichlorofluoromethane	1.88	101	100172	51.426	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	54023	53.327	ug/L 99
12) 1,1-Dichloroethene	2.28	96	50820	51.665	ug/L 86
13) Acetone	2.32	43	101146	108.913	ug/L 98
14) Carbon disulfide	2.47	76	142847	47.795	ug/L 99
15) Methyl Acetate	2.61	43	75248	56.750	ug/L 100
16) Methylene chloride	2.69	84	59647	53.143	ug/L 97
17) trans-1,2-Dichloroethene	2.98	96	53833	50.504	ug/L 96
18) Methyl tert-butyl Ether	2.99	73	179939	51.384	ug/L 98
19) 1,1-Dichloroethane	3.44	63	105230	54.153	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	61368	50.871	ug/L 94
22) 2-Butanone	4.25	43	121628	110.812	ug/L 99

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU061319\
 Data File : VU032695.D
 Acq On : 13 Jun 2019 15:29
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05050

Quant Time: Jun 14 01:30:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:25:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	31920	50.890	ug/L	95
25) Chloroform	4.67	83	109230	54.472	ug/L	100
27) 1,2-Dichloroethane	5.40	62	87379	55.121	ug/L	99
29) Cyclohexane	4.99	56	89528	47.016	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	94382	52.078	ug/L	98
31) Carbon tetrachloride	5.13	117	84962	51.150	ug/L	99
33) Benzene	5.38	78	227363	50.547	ug/L	100
34) Trichloroethene	6.18	95	61820	50.516	ug/L	99
35) Methylcyclohexane	6.41	83	95153	48.030	ug/L	99
37) 1,2-Dichloropropane	6.43	63	62455	52.379	ug/L	99
38) Bromodichloromethane	6.75	83	82684	53.854	ug/L	98
39) cis-1,3-Dichloropropene	7.26	75	98604	52.413	ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	208359	108.619	ug/L	98
42) Toluene	7.63	91	247985	50.341	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	87167	52.201	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	58992	52.318	ug/L	98
46) Tetrachloroethene	8.22	164	50132	49.600	ug/L	99
48) 2-Hexanone	8.36	43	169393	107.513	ug/L	98
49) Dibromochloromethane	8.47	129	70255	53.605	ug/L	98
50) 1,2-Dibromoethane	8.58	107	65526	51.629	ug/L	100
51) Chlorobenzene	9.12	112	160830	50.675	ug/L	99
52) Ethylbenzene	9.24	91	273974	49.896	ug/L	100
53) m,p-Xylene	9.37	106	102927	49.296	ug/L	96
54) o-xylene	9.77	106	102940	49.655	ug/L	100
55) Styrene	9.79	104	175564	50.728	ug/L	99
56) Isopropylbenzene	10.16	105	272198	49.794	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	103568	53.742	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	83436	53.828	ug/L	100
61) Bromoform	9.95	173	54338	51.776	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	130112	48.858	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	131441	48.277	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	135003	50.142	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	25165	55.553	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	104845	50.602	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	93444	53.236	ug/L	100
69) Naphthalene	13.74	128	286674	51.777	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	95916	52.505	ug/L	98

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

