

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034677.D
 Acq On : 20 Sep 2019 03:16
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05059

Quant Time: Sep 20 04:11:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 20 04:02:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	525883	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	506251	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	247603	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	250065	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.90%
7) Chloroethane-d5	1.67	69	196143	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.28%
11) 1,1-Dichloroethene-d2	2.26	63	427946	46.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.88%
21) 2-Butanone-d5	4.15	46	420493	101.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.91%
24) Chloroform-d	4.62	84	384658	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.30%
26) 1,2-Dichloroethane-d4	5.29	65	273138	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
32) Benzene-d6	5.32	84	765175	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.52%
36) 1,2-Dichloropropane-d6	6.31	67	259739	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.72%
41) Toluene-d8	7.54	98	716215	47.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.96%
43) trans-1,3-Dichloropropene-	7.83	79	126282	48.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.16%
47) 2-Hexanone-d5	8.29	63	271655	98.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.62%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	358573	47.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.24%
64) 1,2-Dichlorobenzene-d4	11.84	152	250717	48.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.58%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	244794	45.164	ug/L 99
3) Chloromethane	1.32	50	284313	43.791	ug/L 100
5) Vinyl chloride	1.40	62	264749	44.647	ug/L 98
6) Bromomethane	1.62	94	135124	41.723	ug/L 95
8) Chloroethane	1.69	64	155650	45.596	ug/L 98
9) Trichlorofluoromethane	1.88	101	331479	44.335	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	158850	44.311	ug/L 98
12) 1,1-Dichloroethene	2.27	96	159340	46.311	ug/L 96
13) Acetone	2.31	43	266509	55.526	ug/L 99
14) Carbon disulfide	2.46	76	519752	44.771	ug/L 98
15) Methyl Acetate	2.60	43	299113	46.653	ug/L 99
16) Methylene chloride	2.68	84	196197	45.016	ug/L 97
17) trans-1,2-Dichloroethene	2.96	96	171838	45.680	ug/L 92
18) Methyl tert-butyl Ether	2.98	73	646566	46.329	ug/L 99
19) 1,1-Dichloroethane	3.42	63	401249	46.497	ug/L 99
20) cis-1,2-Dichloroethene	4.20	96	200600	45.607	ug/L 95
22) 2-Butanone	4.23	43	421900	73.887	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034677.D
 Acq On : 20 Sep 2019 03:16
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05059

Quant Time: Sep 20 04:11:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 20 04:02:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	93911	44.607	ug/L	92
25) Chloroform	4.65	83	374055	44.018	ug/L	98
27) 1,2-Dichloroethane	5.38	62	326106	44.424	ug/L	99
29) Cyclohexane	4.97	56	373878	44.744	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	306282	44.452	ug/L	99
31) Carbon tetrachloride	5.11	117	263850	44.931	ug/L	97
33) Benzene	5.37	78	803020	45.735	ug/L	100
34) Trichloroethene	6.16	95	198036	45.670	ug/L	98
35) Methylcyclohexane	6.39	83	320660	43.576	ug/L	97
37) 1,2-Dichloropropane	6.41	63	238322	45.585	ug/L	100
38) Bromodichloromethane	6.73	83	281220	44.355	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	360512	45.893	ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	897611	89.929	ug/L	99
42) Toluene	7.61	91	861501	45.401	ug/L	96
44) trans-1,3-Dichloropropene	7.86	75	317813	44.878	ug/L	100
45) 1,1,2-Trichloroethane	8.04	97	193576	46.224	ug/L	96
46) Tetrachloroethene	8.21	164	139827	45.842	ug/L	95
48) 2-Hexanone	8.34	43	671074	86.083	ug/L	99
49) Dibromochloromethane	8.45	129	211809	45.376	ug/L	98
50) 1,2-Dibromoethane	8.56	107	208664	46.232	ug/L	99
51) Chlorobenzene	9.10	112	523127	45.351	ug/L	99
52) Ethylbenzene	9.23	91	969004	45.349	ug/L	99
53) m,p-Xylene	9.35	106	352360	46.557	ug/L	96
54) o-xylene	9.76	106	351396	46.942	ug/L	97
55) Styrene	9.77	104	589038	46.487	ug/L	98
56) Isopropylbenzene	10.14	105	911815	45.174	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.43	83	360353	44.801	ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	287235	43.988	ug/L	98
61) Bromoform	9.94	173	152842	44.834	ug/L	98
62) 1,3-Dichlorobenzene	11.39	146	393010	45.834	ug/L	95
63) 1,4-Dichlorobenzene	11.48	146	386294	44.224	ug/L	99
65) 1,2-Dichlorobenzene	11.85	146	389945	45.008	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.63	75	79589	43.218	ug/L	94
67) 1,3,5-Trichlorobenzene	12.86	180	263572	45.877	ug/L	95
68) 1,2,4-trichlorobenzene	13.48	180	221400	49.005	ug/L	100
69) Naphthalene	13.72	128	934649	59.759	ug/L	100
70) 1,2,3-Trichlorobenzene	13.96	180	222972	47.964	ug/L	97

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

