

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
 Data File : VU034679.D
 Acq On : 20 Sep 2019 10:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05060

Quant Time: Sep 21 02:07:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 20 18:28:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	431556	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	413204	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	202050	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	214976	48.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.32%
7) Chloroethane-d5	1.67	69	176235	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.22%
11) 1,1-Dichloroethene-d2	2.26	63	392886	52.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.02%
21) 2-Butanone-d5	4.15	46	381620	112.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.70%
24) Chloroform-d	4.62	84	348720	54.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.58%
26) 1,2-Dichloroethane-d4	5.28	65	248300	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.18%
32) Benzene-d6	5.32	84	688535	53.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.52%
36) 1,2-Dichloropropane-d6	6.31	67	241429	53.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.86%
41) Toluene-d8	7.54	98	657726	53.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.96%
43) trans-1,3-Dichloropropene-	7.83	79	118467	55.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.52%
47) 2-Hexanone-d5	8.29	63	243520	108.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.31%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	330059	53.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.28%
64) 1,2-Dichlorobenzene-d4	11.84	152	224307	52.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	248430	55.853	ug/L	99
3) Chloromethane	1.32	50	285882	53.657	ug/L	99
5) Vinyl chloride	1.40	62	261075	53.651	ug/L	99
6) Bromomethane	1.62	94	141821	53.363	ug/L	94
8) Chloroethane	1.69	64	155228	55.411	ug/L	96
9) Trichlorofluoromethane	1.87	101	335586	54.694	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	165938	56.405	ug/L	99
12) 1,1-Dichloroethene	2.27	96	159681	56.554	ug/L	96
13) Acetone	2.31	43	406446	103.191	ug/L	99
14) Carbon disulfide	2.46	76	534835	56.140	ug/L	99
15) Methyl Acetate	2.60	43	290519	55.217	ug/L	99
16) Methylene chloride	2.68	84	195105	54.551	ug/L	99
17) trans-1,2-Dichloroethene	2.96	96	169564	54.928	ug/L	97
18) Methyl tert-butyl Ether	2.98	73	639571	55.844	ug/L	99
19) 1,1-Dichloroethane	3.42	63	395148	55.798	ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	199971	55.401	ug/L	100
22) 2-Butanone	4.23	43	486269	103.773	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
 Data File : VU034679.D
 Acq On : 20 Sep 2019 10:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05060

Quant Time: Sep 21 02:07:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 20 18:28:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	95844	55.475	ug/L	98
25) Chloroform	4.65	83	369976	53.054	ug/L	98
27) 1,2-Dichloroethane	5.38	62	325942	54.107	ug/L	97
29) Cyclohexane	4.97	56	386786	56.712	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	309398	55.015	ug/L	97
31) Carbon tetrachloride	5.11	117	269926	56.316	ug/L	99
33) Benzene	5.36	78	794829	55.462	ug/L	100
34) Trichloroethene	6.16	95	197986	55.940	ug/L	96
35) Methylcyclohexane	6.39	83	347473	57.853	ug/L	98
37) 1,2-Dichloropropane	6.41	63	234127	54.866	ug/L	100
38) Bromodichloromethane	6.73	83	282201	54.532	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	365883	57.065	ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	881526	108.205	ug/L	98
42) Toluene	7.61	91	866676	55.959	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	330085	57.107	ug/L	100
45) 1,1,2-Trichloroethane	8.04	97	186227	54.483	ug/L	99
46) Tetrachloroethene	8.21	164	145859	58.588	ug/L	98
48) 2-Hexanone	8.34	43	682300	107.232	ug/L	97
49) Dibromochloromethane	8.45	129	216303	56.774	ug/L	96
50) 1,2-Dibromoethane	8.56	107	208727	56.660	ug/L	98
51) Chlorobenzene	9.10	112	521156	55.354	ug/L	99
52) Ethylbenzene	9.23	91	988142	56.658	ug/L	99
53) m,p-Xylene	9.35	106	352950	57.136	ug/L	95
54) o-xylene	9.76	106	349335	57.175	ug/L	98
55) Styrene	9.77	104	589699	57.018	ug/L	99
56) Isopropylbenzene	10.14	105	936602	56.852	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.43	83	355404	54.136	ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	283768	53.243	ug/L	99
61) Bromoform	9.94	173	156574	56.283	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	399194	57.051	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	402054	56.406	ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	394357	55.779	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.64	75	83187	55.356	ug/L	98
67) 1,3,5-Trichlorobenzene	12.87	180	279632	59.645	ug/L	96
68) 1,2,4-trichlorobenzene	13.48	180	232842	63.157	ug/L	99
69) Naphthalene	13.72	128	788073	61.747	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	227323	59.924	ug/L	96

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

