

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080219\
 Data File : VU033557.D
 Acq On : 02 Aug 2019 09:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05046

Quant Time: Aug 03 00:37:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 12:05:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	293278	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	296056	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	158108	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	90098	42.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.50%
7) Chloroethane-d5	1.67	69	104827	57.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.60%
11) 1,1-Dichloroethene-d2	2.26	63	182109	47.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.12%
21) 2-Butanone-d5	4.15	46	165235	117.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.00%
24) Chloroform-d	4.62	84	183969	51.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.94%
26) 1,2-Dichloroethane-d4	5.29	65	115550	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.10%
32) Benzene-d6	5.32	84	350288	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.46%
36) 1,2-Dichloropropane-d6	6.31	67	116594	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.36%
41) Toluene-d8	7.55	98	322866	46.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.90%
43) trans-1,3-Dichloropropene-	7.83	79	57556	50.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.86%
47) 2-Hexanone-d5	8.30	63	122497	112.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.15%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	187317	52.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	139333	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	150196	54.307	ug/L 98
3) Chloromethane	1.32	50	149206	53.559	ug/L 100
5) Vinyl chloride	1.40	62	162108	54.282	ug/L 98
6) Bromomethane	1.62	94	131682	49.974	ug/L 98
8) Chloroethane	1.69	64	112036	61.739	ug/L 97
9) Trichlorofluoromethane	1.87	101	216945	55.533	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	112040	56.573	ug/L 99
12) 1,1-Dichloroethene	2.27	96	101640	53.517	ug/L 95
13) Acetone	2.32	43	196502	135.997	ug/L 99
14) Carbon disulfide	2.46	76	304662	51.145	ug/L 100
15) Methyl Acetate	2.60	43	130515	56.737	ug/L 100
16) Methylene chloride	2.68	84	120158	55.389	ug/L 99
17) trans-1,2-Dichloroethene	2.96	96	108985	54.772	ug/L 98
18) Methyl tert-butyl Ether	2.98	73	337403	55.605	ug/L 100
19) 1,1-Dichloroethane	3.42	63	208810	55.908	ug/L 99
20) cis-1,2-Dichloroethene	4.20	96	122009	54.629	ug/L 99
22) 2-Butanone	4.24	43	223677	129.670	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080219\
 Data File : VU033557.D
 Acq On : 02 Aug 2019 09:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05046

Quant Time: Aug 03 00:37:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 12:05:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	64582	55.421	ug/L	99
25) Chloroform	4.65	83	217183	55.257	ug/L	100
27) 1,2-Dichloroethane	5.38	62	170321	56.277	ug/L	99
29) Cyclohexane	4.97	56	173015	53.577	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	183799	53.956	ug/L	100
31) Carbon tetrachloride	5.11	117	162881	54.906	ug/L	100
33) Benzene	5.37	78	463808	54.305	ug/L	100
34) Trichloroethene	6.16	95	119512	53.048	ug/L	98
35) Methylcyclohexane	6.40	83	192912	54.872	ug/L	100
37) 1,2-Dichloropropane	6.41	63	126357	55.271	ug/L	100
38) Bromodichloromethane	6.74	83	163222	55.229	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	192358	53.909	ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	362004	114.689	ug/L	99
42) Toluene	7.62	91	509163	55.442	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	177344	54.996	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	119573	55.095	ug/L	98
46) Tetrachloroethene	8.21	164	98172	53.375	ug/L	99
48) 2-Hexanone	8.35	43	309085	121.146	ug/L	99
49) Dibromochloromethane	8.46	129	136126	55.129	ug/L	99
50) 1,2-Dibromoethane	8.57	107	130520	54.292	ug/L	98
51) Chlorobenzene	9.10	112	321363	53.449	ug/L	100
52) Ethylbenzene	9.23	91	539575	54.562	ug/L	99
53) m,p-Xylene	9.36	106	208987	55.048	ug/L	99
54) o-xylene	9.76	106	202994	55.121	ug/L	96
55) Styrene	9.77	104	355071	56.768	ug/L	100
56) Isopropylbenzene	10.15	105	529856	55.065	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.44	83	213761	54.608	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	166687	55.239	ug/L	100
61) Bromoform	9.94	173	103551	54.219	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	262195	53.997	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	266499	52.828	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	265998	54.179	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	50096	55.227	ug/L	98
67) 1,3,5-Trichlorobenzene	12.87	180	201235	51.370	ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	173263	51.762	ug/L	99
69) Naphthalene	13.73	128	517586	53.895	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	186903	53.093	ug/L	100

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

