

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030057.D
 Acq On : 14 Mar 2019 01:54
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05034

Quant Time: Mar 14 03:56:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 03:50:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	505164	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	498223	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	259300	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	154228	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.32%
7) Chloroethane-d5	1.68	69	132311	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.10%
11) 1,1-Dichloroethene-d2	2.27	63	295280	48.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.92%
21) 2-Butanone-d5	4.17	46	280125	111.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.89%
24) Chloroform-d	4.65	84	315551	52.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.30%
26) 1,2-Dichloroethane-d4	5.31	65	181423	52.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.78%
32) Benzene-d6	5.34	84	672487	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.88%
36) 1,2-Dichloropropane-d6	6.33	67	206993	52.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.48%
41) Toluene-d8	7.56	98	636217	52.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.96%
43) trans-1,3-Dichloropropene-	7.85	79	97698	51.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.76%
47) 2-Hexanone-d5	8.31	63	247182	112.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	320738	53.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.36%
64) 1,2-Dichlorobenzene-d4	11.85	152	259173	51.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	163105	51.099 ug/L	99
3) Chloromethane	1.33	50	192952	54.793 ug/L	99
5) Vinyl chloride	1.40	62	201854	52.291 ug/L	99
6) Bromomethane	1.62	94	131468	54.977 ug/L	100
8) Chloroethane	1.70	64	126145	49.858 ug/L	98
9) Trichlorofluoromethane	1.88	101	265251	51.236 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	164841	49.669 ug/L	100
12) 1,1-Dichloroethene	2.28	96	166152	52.476 ug/L	90
13) Acetone	2.32	43	182164	62.233 ug/L	99
14) Carbon disulfide	2.48	76	483353	49.254 ug/L	99
15) Methyl Acetate	2.61	43	204561	54.092 ug/L	99
16) Methylene chloride	2.70	84	196182	52.473 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	176781	51.269 ug/L	97
18) Methyl tert-butyl Ether	3.00	73	544364	53.231 ug/L	100
19) 1,1-Dichloroethane	3.44	63	316948	53.537 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	207019	52.739 ug/L	97
22) 2-Butanone	4.26	43	295206	88.587 ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030057.D
 Acq On : 14 Mar 2019 01:54
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05034

Quant Time: Mar 14 03:56:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 03:50:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	105517	51.893	ug/L	99
25) Chloroform	4.67	83	327166	52.653	ug/L	100
27) 1,2-Dichloroethane	5.40	62	233392	52.245	ug/L	98
29) Cyclohexane	4.99	56	279438	50.852	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	277784	51.072	ug/L	100
31) Carbon tetrachloride	5.13	117	239067	49.776	ug/L	100
33) Benzene	5.39	78	740891	51.967	ug/L	100
34) Trichloroethene	6.18	95	188828	50.535	ug/L	99
35) Methylcyclohexane	6.41	83	304611	50.273	ug/L	98
37) 1,2-Dichloropropane	6.43	63	196200	52.319	ug/L	100
38) Bromodichloromethane	6.75	83	240584	51.591	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	293629	50.315	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	538370	106.324	ug/L	100
42) Toluene	7.63	91	810333	52.277	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	265271	49.784	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	197483	52.657	ug/L	99
46) Tetrachloroethene	8.22	164	164302	50.246	ug/L	99
48) 2-Hexanone	8.36	43	428965	99.303	ug/L	98
49) Dibromochloromethane	8.47	129	214762	51.254	ug/L	99
50) 1,2-Dibromoethane	8.58	107	211702	51.212	ug/L	98
51) Chlorobenzene	9.12	112	528855	50.606	ug/L	99
52) Ethylbenzene	9.25	91	880111	51.576	ug/L	100
53) m,p-Xylene	9.37	106	342149	51.824	ug/L	98
54) o-xylene	9.77	106	340908	52.571	ug/L	99
55) Styrene	9.79	104	580327	52.557	ug/L	99
56) Isopropylbenzene	10.16	105	873501	51.452	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	336378	52.258	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	256281	52.474	ug/L	100
61) Bromoform	9.95	173	166089	51.459	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	418877	50.021	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	421577	49.510	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	431494	51.191	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	72088	52.629	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	324104	49.865	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	290930	48.934	ug/L	99
69) Naphthalene	13.74	128	982646	50.870	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	308235	49.906	ug/L	98

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

