

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031919\
 Data File : VU030189.D
 Acq On : 19 Mar 2019 13:12
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV49

Quant Time: Mar 20 02:50:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 02:47:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	566587	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	552000	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	286132	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	192106	50.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.28%
7) Chloroethane-d5	1.68	69	151736	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.06%
11) 1,1-Dichloroethene-d2	2.27	63	346469	49.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.14%
21) 2-Butanone-d5	4.17	46	294998	103.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.79%
24) Chloroform-d	4.65	84	349130	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.32%
26) 1,2-Dichloroethane-d4	5.31	65	197868	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
32) Benzene-d6	5.34	84	737195	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
36) 1,2-Dichloropropane-d6	6.33	67	224818	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.90%
41) Toluene-d8	7.56	98	692876	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%
43) trans-1,3-Dichloropropene-	7.85	79	113220	51.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.32%
47) 2-Hexanone-d5	8.31	63	247250	105.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	342484	49.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.22%
64) 1,2-Dichlorobenzene-d4	11.85	152	281848	49.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.21	85	234516	48.888	ug/L	99
3) Chloromethane	1.33	50	221655	47.736	ug/L	99
5) Vinyl chloride	1.40	62	241359	48.966	ug/L	99
6) Bromomethane	1.62	94	140816	52.790	ug/L	100
8) Chloroethane	1.70	64	138183	47.416	ug/L	99
9) Trichlorofluoromethane	1.88	101	302667	48.352	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	187218	49.186	ug/L	98
12) 1,1-Dichloroethene	2.28	96	185096	48.967	ug/L	99
13) Acetone	2.32	43	272696	91.819	ug/L	99
14) Carbon disulfide	2.48	76	563142	49.879	ug/L	100
15) Methyl Acetate	2.61	43	214426	49.648	ug/L	99
16) Methylene chloride	2.70	84	206567	48.183	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	194950	48.938	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	569484	49.697	ug/L	100
19) 1,1-Dichloroethane	3.44	63	335813	49.011	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	217457	49.824	ug/L	99
22) 2-Butanone	4.26	43	350621	100.449	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031919\
 Data File : VU030189.D
 Acq On : 19 Mar 2019 13:12
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV49

Quant Time: Mar 20 02:50:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 02:47:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	113018	48.382	ug/L	99
25) Chloroform	4.67	83	343798	48.162	ug/L	99
27) 1,2-Dichloroethane	5.40	62	251311	49.670	ug/L	99
29) Cyclohexane	4.99	56	307878	51.332	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	294915	49.574	ug/L	99
31) Carbon tetrachloride	5.13	117	262202	49.786	ug/L	100
33) Benzene	5.39	78	793709	49.838	ug/L	100
34) Trichloroethene	6.18	95	208884	49.762	ug/L	99
35) Methylcyclohexane	6.41	83	330361	50.189	ug/L	98
37) 1,2-Dichloropropane	6.43	63	207208	50.802	ug/L	100
38) Bromodichloromethane	6.75	83	257477	49.098	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	333629	50.982	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	577436	103.010	ug/L	99
42) Toluene	7.63	91	882853	50.931	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	290908	51.373	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	207674	49.602	ug/L	99
46) Tetrachloroethene	8.22	164	176405	49.739	ug/L	99
48) 2-Hexanone	8.36	43	482055	103.609	ug/L	100
49) Dibromochloromethane	8.47	129	233100	49.649	ug/L	98
50) 1,2-Dibromoethane	8.58	107	229073	49.350	ug/L	97
51) Chlorobenzene	9.12	112	567558	49.489	ug/L	99
52) Ethylbenzene	9.25	91	949264	50.426	ug/L	100
53) m,p-Xylene	9.37	106	370228	51.046	ug/L	98
54) o-xylene	9.77	106	362250	50.809	ug/L	99
55) Styrene	9.79	104	624819	51.724	ug/L	100
56) Isopropylbenzene	10.16	105	935856	50.771	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	351795	49.276	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	267744	48.569	ug/L	100
61) Bromoform	9.95	173	185848	50.296	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	455965	49.947	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	462187	48.810	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	457665	49.069	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	79602	51.047	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	368327	51.626	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	334444	53.009	ug/L	99
69) Naphthalene	13.74	128	1129827	56.443	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	348664	52.962	ug/L	99

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

