

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021519\
 Data File : VU029492.D
 Acq On : 15 Feb 2019 12:25
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV46

Quant Time: Feb 15 23:30:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 15 23:28:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	453214	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	445296	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	244442	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	171505	51.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.28%
7) Chloroethane-d5	1.68	69	148495	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.27	63	284429	43.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.64%
21) 2-Butanone-d5	4.17	46	212487	105.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.14%
24) Chloroform-d	4.64	84	283982	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.44%
26) 1,2-Dichloroethane-d4	5.31	65	173469	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
32) Benzene-d6	5.34	84	576830	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.96%
36) 1,2-Dichloropropane-d6	6.33	67	172498	51.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.34%
41) Toluene-d8	7.56	98	585958	51.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.48%
43) trans-1,3-Dichloropropene-	7.85	79	94276	52.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.44%
47) 2-Hexanone-d5	8.31	63	193187	102.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	283345	49.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	267524	50.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.21	85	158391	50.970	ug/L	100
3) Chloromethane	1.33	50	141160	51.780	ug/L	98
5) Vinyl chloride	1.40	62	189708	51.240	ug/L	98
6) Bromomethane	1.62	94	104438	61.809	ug/L	100
8) Chloroethane	1.69	64	123411	50.116	ug/L	99
9) Trichlorofluoromethane	1.88	101	299734	50.787	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	142558	45.157	ug/L	96
12) 1,1-Dichloroethene	2.28	96	128887	42.944	ug/L	97
13) Acetone	2.32	43	197968	91.669	ug/L	99
14) Carbon disulfide	2.47	76	400072	50.898	ug/L	99
15) Methyl Acetate	2.61	43	142194	50.728	ug/L	99
16) Methylene chloride	2.70	84	146202	50.342	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	140256	50.632	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	428168	49.925	ug/L	99
19) 1,1-Dichloroethane	3.44	63	240460	50.201	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	165411	51.390	ug/L	96
22) 2-Butanone	4.26	43	243649	98.859	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021519\
 Data File : VU029492.D
 Acq On : 15 Feb 2019 12:25
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV46

Quant Time: Feb 15 23:30:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 15 23:28:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	89479	50.711	ug/L	97
25) Chloroform	4.67	83	267277	50.012	ug/L	99
27) 1,2-Dichloroethane	5.40	62	207717	50.553	ug/L	100
29) Cyclohexane	4.99	56	229099	51.989	ug/L	97
30) 1,1,1-Trichloroethane	4.91	97	238609	50.537	ug/L	98
31) Carbon tetrachloride	5.13	117	219007	51.249	ug/L	98
33) Benzene	5.39	78	580637	50.858	ug/L	100
34) Trichloroethene	6.18	95	160903	52.317	ug/L	98
35) Methylcyclohexane	6.41	83	265607	52.002	ug/L	99
37) 1,2-Dichloropropane	6.43	63	155770	51.976	ug/L	99
38) Bromodichloromethane	6.75	83	209098	51.753	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	259552	53.679	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	433659	102.900	ug/L	99
42) Toluene	7.63	91	686624	50.856	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	239712	52.604	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	161575	50.581	ug/L	99
46) Tetrachloroethene	8.22	164	153858	51.111	ug/L	99
48) 2-Hexanone	8.36	43	366848	99.645	ug/L	99
49) Dibromochloromethane	8.47	129	196534	50.750	ug/L	99
50) 1,2-Dibromoethane	8.58	107	182917	51.684	ug/L	99
51) Chlorobenzene	9.12	112	475307	51.292	ug/L	98
52) Ethylbenzene	9.25	91	787274	51.342	ug/L	99
53) m,p-Xylene	9.37	106	311850	50.664	ug/L	97
54) o-xylene	9.78	106	315439	51.018	ug/L	99
55) Styrene	9.79	104	531320	50.905	ug/L	97
56) Isopropylbenzene	10.16	105	823679	50.911	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	282604	50.030	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	213039	49.856	ug/L	100
61) Bromoform	9.95	173	161202	48.970	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	405977	52.090	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	403723	51.474	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	409263	50.305	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	67387	53.228	ug/L	93
67) 1,3,5-Trichlorobenzene	12.88	180	318625	53.573	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	290288	56.432	ug/L	100
69) Naphthalene	13.74	128	946461	59.860	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	303131	55.492	ug/L	99

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

