

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031623.D
 Acq On : 30 Apr 2019 06:14
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05054

Quant Time: Apr 30 06:50:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	703658	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	675053	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	294711	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	249824	42.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.84%
7) Chloroethane-d5	1.68	69	203700	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.52%
11) 1,1-Dichloroethene-d2	2.27	63	550158	46.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.82%
21) 2-Butanone-d5	4.19	46	610132	114.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.35%
24) Chloroform-d	4.64	84	534058	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
26) 1,2-Dichloroethane-d4	5.30	65	363299	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
32) Benzene-d6	5.34	84	990191	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
36) 1,2-Dichloropropane-d6	6.32	67	359880	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.70%
41) Toluene-d8	7.56	98	850670	47.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.24%
43) trans-1,3-Dichloropropene-	7.85	79	146286	46.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.46%
47) 2-Hexanone-d5	8.31	63	347990	110.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	501382	51.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	292142	47.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	370900	47.934	ug/L 100
3) Chloromethane	1.32	50	457862	48.907	ug/L 100
5) Vinyl chloride	1.40	62	419188	47.893	ug/L 97
6) Bromomethane	1.63	94	203023	43.984	ug/L 97
8) Chloroethane	1.70	64	229459	47.959	ug/L 95
9) Trichlorofluoromethane	1.88	101	476767	47.783	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	264303	46.859	ug/L 96
12) 1,1-Dichloroethene	2.28	96	258533	47.091	ug/L 93
13) Acetone	2.34	43	437947	72.865	ug/L 97
14) Carbon disulfide	2.47	76	850516	46.686	ug/L 99
15) Methyl Acetate	2.62	43	483711	53.188	ug/L 99
16) Methylene chloride	2.70	84	322189	49.729	ug/L 95
17) trans-1,2-Dichloroethene	2.98	96	268279	46.898	ug/L 98
18) Methyl tert-butyl Ether	2.99	73	942258	51.700	ug/L 98
19) 1,1-Dichloroethane	3.44	63	619346	51.409	ug/L 98
20) cis-1,2-Dichloroethene	4.22	96	302785	49.343	ug/L 89
22) 2-Butanone	4.27	43	686024	103.023	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031623.D
 Acq On : 30 Apr 2019 06:14
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05054

Quant Time: Apr 30 06:50:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	140258	47.039	ug/L	92
25) Chloroform	4.67	83	579261	50.281	ug/L	100
27) 1,2-Dichloroethane	5.40	62	490078	52.372	ug/L	97
29) Cyclohexane	4.99	56	541640	50.697	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	466946	49.369	ug/L	97
31) Carbon tetrachloride	5.13	117	392320	48.529	ug/L	99
33) Benzene	5.39	78	1256154	50.613	ug/L	100
34) Trichloroethene	6.18	95	525703	87.381	ug/L	92
35) Methylcyclohexane	6.41	83	435377	48.288	ug/L	97
37) 1,2-Dichloropropane	6.43	63	364720	51.763	ug/L	99
38) Bromodichloromethane	6.75	83	438249	51.299	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	469714	50.451	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	1221888	112.716	ug/L	97
42) Toluene	7.63	91	1239173	50.122	ug/L	98
44) trans-1,3-Dichloropropene	7.87	75	409274	48.467	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	291412	50.169	ug/L	98
46) Tetrachloroethene	8.22	164	185438	45.213	ug/L	98
48) 2-Hexanone	8.36	43	1008341	115.008	ug/L	98
49) Dibromochloromethane	8.47	129	295068	48.822	ug/L	100
50) 1,2-Dibromoethane	8.58	107	303597	49.488	ug/L	98
51) Chlorobenzene	9.12	112	718475	49.178	ug/L	96
52) Ethylbenzene	9.25	91	1302066	50.772	ug/L	100
53) m,p-Xylene	9.37	106	453839	50.792	ug/L	99
54) o-xylene	9.77	106	457224	51.615	ug/L	98
55) Styrene	9.79	104	797871	52.719	ug/L	97
56) Isopropylbenzene	10.16	105	1174906	50.439	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	535172	51.922	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	438080	52.441	ug/L	98
61) Bromoform	9.95	173	201950	46.227	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	464224	47.586	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	479247	47.435	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	498435	48.074	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	120262	49.978	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	327730	44.853	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	263245	45.509	ug/L	97
69) Naphthalene	13.74	128	988324	50.112	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	300249	45.592	ug/L	100

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

