

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032819\
 Data File : VU030529.D
 Acq On : 28 Mar 2019 20:56
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05039

Quant Time: Mar 29 01:24:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 01:19:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	380224	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	367900	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	171634	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	161458	52.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.52%
7) Chloroethane-d5	1.67	69	131563	54.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.48%
11) 1,1-Dichloroethene-d2	2.27	63	316114	54.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.92%
21) 2-Butanone-d5	4.17	46	311700	108.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.36%
24) Chloroform-d	4.65	84	289635	54.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.88%
26) 1,2-Dichloroethane-d4	5.31	65	190605	55.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.50%
32) Benzene-d6	5.34	84	571965	54.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.42%
36) 1,2-Dichloropropane-d6	6.33	67	199007	55.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.26%
41) Toluene-d8	7.56	98	523244	55.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.44%
43) trans-1,3-Dichloropropene-	7.85	79	89133	52.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.02%
47) 2-Hexanone-d5	8.31	63	177007	90.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	279755	54.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	184598	53.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.21	85	216661	51.646	ug/L	99
3) Chloromethane	1.33	50	260435	55.507	ug/L	99
5) Vinyl chloride	1.40	62	237793	53.446	ug/L	99
6) Bromomethane	1.61	94	113192	55.458	ug/L	100
8) Chloroethane	1.69	64	140511	55.941	ug/L	98
9) Trichlorofluoromethane	1.88	101	269476	55.541	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	150461	54.220	ug/L	99
12) 1,1-Dichloroethene	2.28	96	145221	53.382	ug/L	95
13) Acetone	2.32	43	240197	82.569	ug/L	99
14) Carbon disulfide	2.48	76	443209	49.274	ug/L	99
15) Methyl Acetate	2.61	43	252571	56.702	ug/L #	100
16) Methylene chloride	2.70	84	175540	54.737	ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	150003	52.558	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	528666	56.013	ug/L	99
19) 1,1-Dichloroethane	3.44	63	326318	55.729	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	171956	53.723	ug/L	96
22) 2-Butanone	4.26	43	367200	104.431	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032819\
 Data File : VU030529.D
 Acq On : 28 Mar 2019 20:56
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05039

Quant Time: Mar 29 01:24:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 01:19:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	81149	54.546	ug/L	97
25) Chloroform	4.67	83	309003	55.504	ug/L	96
27) 1,2-Dichloroethane	5.40	62	249392	57.088	ug/L	99
29) Cyclohexane	4.99	56	303541	54.520	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	250405	55.587	ug/L	100
31) Carbon tetrachloride	5.13	117	208262	54.544	ug/L	98
33) Benzene	5.39	78	681738	54.436	ug/L	100
34) Trichloroethene	6.18	95	160135	52.014	ug/L	99
35) Methylcyclohexane	6.41	83	262650	51.843	ug/L	99
37) 1,2-Dichloropropane	6.43	63	193412	54.420	ug/L	100
38) Bromodichloromethane	6.75	83	233154	55.211	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	281883	55.179	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	664126	111.248	ug/L	98
42) Toluene	7.63	91	711769	54.762	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	245694	54.661	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	162844	54.228	ug/L	99
46) Tetrachloroethene	8.22	164	116405	54.133	ug/L	96
48) 2-Hexanone	8.36	43	525089	107.319	ug/L	98
49) Dibromochloromethane	8.47	129	170150	54.530	ug/L	98
50) 1,2-Dibromoethane	8.58	107	174429	54.123	ug/L	99
51) Chlorobenzene	9.12	112	420264	53.351	ug/L	99
52) Ethylbenzene	9.25	91	769109	54.625	ug/L	99
53) m,p-Xylene	9.37	106	274991	54.091	ug/L	96
54) o-xylene	9.77	106	277691	55.980	ug/L	97
55) Styrene	9.79	104	471301	55.156	ug/L	99
56) Isopropylbenzene	10.16	105	715635	54.484	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	304107	54.947	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	240028	55.485	ug/L	100
61) Bromoform	9.95	173	121949	53.440	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	296715	52.863	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	291273	50.408	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	305456	53.820	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	68598	54.282	ug/L	93
67) 1,3,5-Trichlorobenzene	12.88	180	208719	49.672	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	166741	45.670	ug/L	97
69) Naphthalene	13.74	128	561729	43.269	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	185802	48.194	ug/L	98

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

