

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
 Data File : VU025843.D
 Acq On : 04 Aug 2018 01:01
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05051

Quant Time: Aug 04 04:36:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	316748	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	303295	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	162783	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85416	47.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.48%
7) Chloroethane-d5	1.68	69	69993	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.84%
11) 1,1-Dichloroethene-d2	2.27	63	181853	48.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.62%
21) 2-Butanone-d5	4.18	46	145793	104.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.43%
24) Chloroform-d	4.65	84	197782	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.31	65	129569	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
32) Benzene-d6	5.35	84	375157	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
36) 1,2-Dichloropropane-d6	6.34	67	119327	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.22%
41) Toluene-d8	7.57	98	363329	48.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.42%
43) trans-1,3-Dichloropropene-	7.85	79	60452	47.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.44%
47) 2-Hexanone-d5	8.31	63	107014	101.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.97%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169921	48.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	156683	47.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.98%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.21	85	124982	40.05	ug/L	100
3) Chloromethane	1.33	50	100152	44.44	ug/L	99
5) Vinyl chloride	1.41	62	105665	42.74	ug/L	99
6) Bromomethane	1.63	94	46436	54.02	ug/L	94
8) Chloroethane	1.70	64	62338	42.83	ug/L	99
9) Trichlorofluoromethane	1.89	101	152272	43.26	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	89110	45.20	ug/L	99
12) 1,1-Dichloroethene	2.28	96	80405	44.98	ug/L	93
13) Acetone	2.32	43	105081	64.13	ug/L	99
14) Carbon disulfide	2.48	76	242957	41.74	ug/L	100
15) Methyl Acetate	2.62	43	109877	48.51	ug/L	99
16) Methylene chloride	2.70	84	100704	45.22	ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	90016	43.74	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	305654	45.60	ug/L	99
19) 1,1-Dichloroethane	3.45	63	177331	45.29	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	104856	45.13	ug/L	98
22) 2-Butanone	4.27	43	152201	83.44	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
 Data File : VU025843.D
 Acq On : 04 Aug 2018 01:01
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05051

Quant Time: Aug 04 04:36:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	54944	44.81	ug/L	97
25) Chloroform	4.68	83	193362	46.94	ug/L	99
27) 1,2-Dichloroethane	5.41	62	156673	46.63	ug/L	99
29) Cyclohexane	5.00	56	145376	41.37	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	169130	44.56	ug/L	98
31) Carbon tetrachloride	5.14	117	152241	43.38	ug/L	100
33) Benzene	5.39	78	387787	44.50	ug/L	100
34) Trichloroethene	6.19	95	103418	44.73	ug/L	96
35) Methylcyclohexane	6.42	83	150002	40.23	ug/L	99
37) 1,2-Dichloropropane	6.44	63	108129	45.41	ug/L	99
38) Bromodichloromethane	6.76	83	143856	45.82	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	161317	43.65	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	298476	95.44	ug/L	100
42) Toluene	7.64	91	422169	44.92	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	152419	43.74	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	101617	44.49	ug/L	99
46) Tetrachloroethene	8.23	164	87218	43.51	ug/L	99
48) 2-Hexanone	8.36	43	238850	90.39	ug/L	98
49) Dibromochloromethane	8.48	129	124232	46.36	ug/L	97
50) 1,2-Dibromoethane	8.59	107	110169	44.77	ug/L	99
51) Chlorobenzene	9.12	112	282282	44.62	ug/L	100
52) Ethylbenzene	9.25	91	467474	45.07	ug/L	99
53) m,p-Xylene	9.38	106	183450	46.17	ug/L	99
54) o-xylene	9.78	106	179075	44.42	ug/L	97
55) Styrene	9.80	104	311251	47.40	ug/L	99
56) Isopropylbenzene	10.17	105	472271	45.39	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	169744	46.07	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	130474	46.65	ug/L	100
61) Bromoform	9.96	173	92592	43.97	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	225327	43.76	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	235180	44.74	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	238020	44.12	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	39821	46.94	ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	170935	43.01	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	146572	43.88	ug/L	99
69) Naphthalene	13.74	128	449301	44.73	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	157052	44.48	ug/L	100

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

