

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080218\
 Data File : VU025796.D
 Acq On : 02 Aug 2018 14:55
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05048

Quant Time: Aug 03 04:30:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 04:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	348256	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	325204	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	181953	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70419	35.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.84%
7) Chloroethane-d5	1.68	69	63959	39.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.27	63	162586	39.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.56%
21) 2-Butanone-d5	4.18	46	163655	106.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.62%
24) Chloroform-d	4.65	84	195080	44.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.10%
26) 1,2-Dichloroethane-d4	5.31	65	131255	44.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.64%
32) Benzene-d6	5.34	84	350998	42.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.16%
36) 1,2-Dichloropropane-d6	6.33	67	117805	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.68%
41) Toluene-d8	7.57	98	340436	42.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.12%
43) trans-1,3-Dichloropropene-	7.85	79	61198	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.16%
47) 2-Hexanone-d5	8.31	63	116406	103.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.45%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	180749	48.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	155231	42.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.21	85	148746	43.35	ug/L	99
3) Chloromethane	1.33	50	115819	46.74	ug/L	98
5) Vinyl chloride	1.40	62	119626	44.01	ug/L	99
6) Bromomethane	1.63	94	45688	48.34	ug/L	91
8) Chloroethane	1.70	64	71880	44.91	ug/L	99
9) Trichlorofluoromethane	1.89	101	178165	46.03	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	103641	47.82	ug/L	99
12) 1,1-Dichloroethene	2.28	96	90252	45.92	ug/L	93
13) Acetone	2.32	43	160477	89.08	ug/L	95
14) Carbon disulfide	2.48	76	278610	43.53	ug/L	100
15) Methyl Acetate	2.62	43	124946	50.17	ug/L	99
16) Methylene chloride	2.70	84	112790	46.07	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	105899	46.80	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	357224	48.47	ug/L	99
19) 1,1-Dichloroethane	3.45	63	200400	46.56	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	121941	47.74	ug/L	98
22) 2-Butanone	4.26	43	189181	94.33	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080218\
 Data File : VU025796.D
 Acq On : 02 Aug 2018 14:55
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05048

Quant Time: Aug 03 04:30:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 04:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	64191	47.61	ug/L	98
25) Chloroform	4.68	83	214238	47.30	ug/L	98
27) 1,2-Dichloroethane	5.41	62	173717	47.02	ug/L	99
29) Cyclohexane	5.00	56	174345	46.27	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	192758	47.37	ug/L	99
31) Carbon tetrachloride	5.14	117	173340	46.07	ug/L	99
33) Benzene	5.39	78	437722	46.84	ug/L	100
34) Trichloroethene	6.19	95	120733	48.70	ug/L	98
35) Methylcyclohexane	6.42	83	180824	45.23	ug/L	97
37) 1,2-Dichloropropane	6.44	63	120884	47.34	ug/L	99
38) Bromodichloromethane	6.76	83	162061	48.14	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	191408	48.30	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	342532	102.15	ug/L	99
42) Toluene	7.64	91	485129	48.14	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	187696	50.24	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	116951	47.75	ug/L	99
46) Tetrachloroethene	8.23	164	105417	49.05	ug/L	99
48) 2-Hexanone	8.36	43	277715	98.01	ug/L	99
49) Dibromochloromethane	8.48	129	140573	48.93	ug/L	99
50) 1,2-Dibromoethane	8.59	107	128300	48.62	ug/L	99
51) Chlorobenzene	9.12	112	333560	49.17	ug/L	100
52) Ethylbenzene	9.25	91	550636	49.51	ug/L	98
53) m,p-Xylene	9.38	106	214366	50.32	ug/L	99
54) o-xylene	9.78	106	209335	48.43	ug/L	97
55) Styrene	9.80	104	363277	51.60	ug/L	100
56) Isopropylbenzene	10.17	105	552609	49.54	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	190181	48.14	ug/L	97
59) 1,2,3-Trichloropropane	10.50	75	144246	48.10	ug/L	100
61) Bromoform	9.96	173	107443	45.65	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	277984	48.30	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	287386	48.92	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	289593	48.03	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	44912	47.36	ug/L	95
67) 1,3,5-Trichlorobenzene	12.89	180	208587	46.95	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	191202	51.21	ug/L	98
69) Naphthalene	13.74	128	569174	50.69	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	190224	48.19	ug/L	99

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

