

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080818\
 Data File : VU025976.D
 Acq On : 08 Aug 2018 16:38
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05049

Quant Time: Aug 09 01:20:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 09 01:19:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	303984	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	291801	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148640	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72663	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.28%
7) Chloroethane-d5	1.67	69	60530	47.91	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.82%
11) 1,1-Dichloroethene-d2	2.27	63	158131	48.47	ug/L	0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.94%
21) 2-Butanone-d5	4.18	46	126982	109.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.55%
24) Chloroform-d	4.65	84	171090	52.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.94%
26) 1,2-Dichloroethane-d4	5.31	65	111358	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
32) Benzene-d6	5.35	84	315139	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
36) 1,2-Dichloropropane-d6	6.33	67	103973	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.98%
41) Toluene-d8	7.57	98	300747	48.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.38%
43) trans-1,3-Dichloropropene-	7.85	79	50750	48.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.80%
47) 2-Hexanone-d5	8.31	63	84362	101.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.37%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	147658	53.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	127667	51.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.98%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	125517	54.28	ug/L	100
3) Chloromethane	1.33	50	113551	58.37	ug/L	99
5) Vinyl chloride	1.40	62	110206	52.52	ug/L	99
6) Bromomethane	1.62	94	63843	68.70	ug/L	100
8) Chloroethane	1.69	64	66976	55.12	ug/L	100
9) Trichlorofluoromethane	1.88	101	162458	53.74	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	94138	56.34	ug/L	100
12) 1,1-Dichloroethene	2.28	96	83279	54.27	ug/L	88
13) Acetone	2.32	43	141214	102.92	ug/L	100
14) Carbon disulfide	2.48	76	277648	50.79	ug/L	100
15) Methyl Acetate	2.62	43	114803	54.80	ug/L	98
16) Methylene chloride	2.70	84	107984	54.00	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	97089	51.32	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	318563	52.96	ug/L	99
19) 1,1-Dichloroethane	3.45	63	186341	54.30	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	110424	52.24	ug/L	98
22) 2-Butanone	4.27	43	177771	103.63	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080818\
 Data File : VU025976.D
 Acq On : 08 Aug 2018 16:38
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05049

Quant Time: Aug 09 01:20:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 09 01:19:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	59386	53.51	ug/L	92
25) Chloroform	4.68	83	193568	53.25	ug/L	100
27) 1,2-Dichloroethane	5.41	62	160828	55.48	ug/L	100
29) Cyclohexane	5.00	56	160465	52.18	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	177552	53.46	ug/L	99
31) Carbon tetrachloride	5.14	117	159892	53.83	ug/L	99
33) Benzene	5.39	78	406495	53.29	ug/L	100
34) Trichloroethene	6.19	95	106616	50.23	ug/L	97
35) Methylcyclohexane	6.42	83	169500	52.76	ug/L	97
37) 1,2-Dichloropropane	6.44	63	111984	54.95	ug/L	100
38) Bromodichloromethane	6.76	83	151519	54.70	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	167245	50.39	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	297612	107.11	ug/L	100
42) Toluene	7.64	91	439115	52.75	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	165919	52.89	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	105281	54.09	ug/L	99
46) Tetrachloroethene	8.23	164	91532	50.17	ug/L	97
48) 2-Hexanone	8.36	43	236054	105.30	ug/L	99
49) Dibromochloromethane	8.48	129	128563	53.77	ug/L	100
50) 1,2-Dibromoethane	8.59	107	115756	53.01	ug/L	99
51) Chlorobenzene	9.12	112	295627	51.87	ug/L	97
52) Ethylbenzene	9.25	91	485005	51.21	ug/L	100
53) m,p-Xylene	9.38	106	189338	50.97	ug/L	100
54) o-xylene	9.78	106	188908	53.40	ug/L	100
55) Styrene	9.80	104	314185	52.71	ug/L	99
56) Isopropylbenzene	10.17	105	488831	51.99	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	180250	55.08	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	141677	54.63	ug/L	99
61) Bromoform	9.96	173	95506	56.27	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	229063	51.51	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	231633	51.13	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	241314	54.12	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	38830	57.30	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	173892	53.07	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	138155	48.58	ug/L	98
69) Naphthalene	13.75	128	413691	49.50	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	149048	51.15	ug/L	98

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

