

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040619\
 Data File : VU030772.D
 Acq On : 06 Apr 2019 03:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05052

Quant Time: Apr 06 05:13:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	481223	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	472328	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217009	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	189149	44.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.06%
7) Chloroethane-d5	1.68	69	152824	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.74%
11) 1,1-Dichloroethene-d2	2.27	63	368860	47.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.94%
21) 2-Butanone-d5	4.17	46	376177	110.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.49%
24) Chloroform-d	4.64	84	326773	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.30	65	223910	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
32) Benzene-d6	5.33	84	665063	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
36) 1,2-Dichloropropane-d6	6.32	67	228364	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.66%
41) Toluene-d8	7.56	98	597895	48.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.84%
43) trans-1,3-Dichloropropene-	7.85	79	104038	48.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.56%
47) 2-Hexanone-d5	8.31	63	234165	108.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	330128	51.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.58%
64) 1,2-Dichlorobenzene-d4	11.85	152	210646	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	199748	47.255	ug/L	98
3) Chloromethane	1.32	50	263679	48.226	ug/L	99
5) Vinyl chloride	1.40	62	260389	49.198	ug/L	95
6) Bromomethane	1.62	94	132760	48.416	ug/L	100
8) Chloroethane	1.69	64	152407	50.488	ug/L	99
9) Trichlorofluoromethane	1.88	101	309358	50.163	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	162126	47.050	ug/L	98
12) 1,1-Dichloroethene	2.28	96	167765	50.433	ug/L	97
13) Acetone	2.31	43	275879	79.187	ug/L	99
14) Carbon disulfide	2.47	76	500403	48.424	ug/L	100
15) Methyl Acetate	2.61	43	285161	52.791	ug/L	98
16) Methylene chloride	2.70	84	198670	49.164	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	172929	48.961	ug/L	98
18) Methyl tert-butyl Ether	2.99	73	598606	50.596	ug/L	100
19) 1,1-Dichloroethane	3.44	63	374025	51.314	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	200370	51.378	ug/L	97
22) 2-Butanone	4.26	43	423605	103.704	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040619\
 Data File : VU030772.D
 Acq On : 06 Apr 2019 03:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05052

Quant Time: Apr 06 05:13:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	92615	50.232	ug/L	99
25) Chloroform	4.67	83	370173	50.530	ug/L	95
27) 1,2-Dichloroethane	5.40	62	285570	51.074	ug/L	99
29) Cyclohexane	4.99	56	330982	49.166	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	286921	49.845	ug/L	99
31) Carbon tetrachloride	5.13	117	249146	50.227	ug/L	99
33) Benzene	5.38	78	787317	50.937	ug/L	100
34) Trichloroethene	6.18	95	188290	49.668	ug/L	98
35) Methylcyclohexane	6.41	83	276702	47.295	ug/L	99
37) 1,2-Dichloropropane	6.43	63	221406	50.587	ug/L	99
38) Bromodichloromethane	6.75	83	269876	51.114	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	315551	50.654	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	741865	105.407	ug/L	100
42) Toluene	7.63	91	802109	50.838	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	277763	50.595	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	184031	49.579	ug/L	98
46) Tetrachloroethene	8.22	164	129805	47.096	ug/L	99
48) 2-Hexanone	8.36	43	588501	107.175	ug/L	99
49) Dibromochloromethane	8.47	129	199756	50.716	ug/L	98
50) 1,2-Dibromoethane	8.58	107	198214	49.349	ug/L	100
51) Chlorobenzene	9.12	112	482601	49.872	ug/L	100
52) Ethylbenzene	9.24	91	856403	49.797	ug/L	99
53) m,p-Xylene	9.37	106	300652	50.125	ug/L	96
54) o-xylene	9.77	106	303460	50.863	ug/L	93
55) Styrene	9.79	104	533096	52.093	ug/L	100
56) Isopropylbenzene	10.16	105	798720	50.847	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	338175	50.369	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	275282	52.516	ug/L	99
61) Bromoform	9.95	173	145599	50.788	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	333511	48.627	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	345513	49.526	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	361026	52.477	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	78941	53.976	ug/L	90
67) 1,3,5-Trichlorobenzene	12.88	180	240532	47.988	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	214519	50.337	ug/L	99
69) Naphthalene	13.74	128	723380	52.360	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	230774	51.829	ug/L	99

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

