

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040419\
 Data File : VU030626.D
 Acq On : 03 Apr 2019 14:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05044

Quant Time: Apr 04 06:51:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 08:36:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	475255	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	462871	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	214146	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	203716	53.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.52%
7) Chloroethane-d5	1.68	69	158511	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.58%
11) 1,1-Dichloroethene-d2	2.27	63	378975	52.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.46%
21) 2-Butanone-d5	4.17	46	291976	81.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.21%
24) Chloroform-d	4.64	84	311379	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
26) 1,2-Dichloroethane-d4	5.31	65	205735	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
32) Benzene-d6	5.33	84	629964	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
36) 1,2-Dichloropropane-d6	6.32	67	212840	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.74%
41) Toluene-d8	7.56	98	564173	47.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.66%
43) trans-1,3-Dichloropropene-	7.85	79	98686	46.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.42%
47) 2-Hexanone-d5	8.31	63	188801	76.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	286223	44.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	199078	46.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	209525	39.958	ug/L	99
3) Chloromethane	1.32	50	264869	45.164	ug/L	99
5) Vinyl chloride	1.40	62	250949	45.125	ug/L	98
6) Bromomethane	1.62	94	132480	51.929	ug/L	99
8) Chloroethane	1.69	64	145534	46.355	ug/L	96
9) Trichlorofluoromethane	1.88	101	296941	48.964	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	168074	48.456	ug/L	99
12) 1,1-Dichloroethene	2.28	96	160083	47.079	ug/L	96
13) Acetone	2.32	43	312748	86.011	ug/L	100
14) Carbon disulfide	2.47	76	515972	45.893	ug/L	100
15) Methyl Acetate	2.61	43	244820	43.972	ug/L #	100
16) Methylene chloride	2.69	84	185471	46.269	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	164350	46.070	ug/L	97
18) Methyl tert-butyl Ether	2.99	73	522533	44.293	ug/L	99
19) 1,1-Dichloroethane	3.44	63	339954	46.449	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	181083	45.262	ug/L	96
22) 2-Butanone	4.25	43	384609	87.510	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040419\
 Data File : VU030626.D
 Acq On : 03 Apr 2019 14:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05044

Quant Time: Apr 04 06:51:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 08:36:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	87885	47.261	ug/L	96
25) Chloroform	4.67	83	335424	48.202	ug/L	98
27) 1,2-Dichloroethane	5.40	62	259577	47.538	ug/L	99
29) Cyclohexane	4.99	56	319266	45.579	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	268633	47.398	ug/L	98
31) Carbon tetrachloride	5.13	117	237380	49.414	ug/L	99
33) Benzene	5.38	78	735729	46.693	ug/L	100
34) Trichloroethene	6.18	95	176315	45.519	ug/L	99
35) Methylcyclohexane	6.41	83	284339	44.609	ug/L	99
37) 1,2-Dichloropropane	6.43	63	203464	45.502	ug/L	100
38) Bromodichloromethane	6.75	83	251240	47.287	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	299761	46.639	ug/L	100
40) 4-Methyl-2-pentanone	7.45	43	636398	84.730	ug/L	99
42) Toluene	7.63	91	748568	45.777	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	264227	46.723	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	170539	45.138	ug/L	99
46) Tetrachloroethene	8.22	164	127515	47.132	ug/L	98
48) 2-Hexanone	8.36	43	509860	82.826	ug/L	99
49) Dibromochloromethane	8.47	129	185084	47.146	ug/L	99
50) 1,2-Dibromoethane	8.58	107	180089	44.414	ug/L	97
51) Chlorobenzene	9.12	112	448051	45.209	ug/L	99
52) Ethylbenzene	9.24	91	819371	46.254	ug/L	100
53) m,p-Xylene	9.37	106	294176	45.992	ug/L	98
54) o-xylene	9.77	106	285776	45.790	ug/L	99
55) Styrene	9.79	104	498697	46.387	ug/L	98
56) Isopropylbenzene	10.16	105	757827	45.858	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	306346	43.994	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	240240	44.140	ug/L	99
61) Bromoform	9.95	173	131520	46.193	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	315644	45.072	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	322422	44.721	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	325256	45.932	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	67923	43.078	ug/L	92
67) 1,3,5-Trichlorobenzene	12.88	180	243980	46.537	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	213981	46.974	ug/L	99
69) Naphthalene	13.74	128	681663	42.083	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	222990	46.358	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040419\
Data File : VU030626.D
Acq On : 03 Apr 2019 14:44
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Quant Time: Apr 04 06:51:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 08:36:56 2019
Response via : Initial Calibration

