

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053279.D
 Acq On : 17 Mar 2023 19:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050165

Quant Time: Mar 18 01:55:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 01:49:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	147916	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	141316	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	68503	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61523	45.085	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.160%		
7) Chloroethane-d5	1.909	69	50845	46.063	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.120%		
11) 1,1-Dichloroethene-d2	2.565	63	103464	43.768	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.540%		
21) 2-Butanone-d5	4.613	46	71811	113.461	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.460%		
24) Chloroform-d	5.057	84	108279	48.176	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.360%		
26) 1,2-Dichloroethane-d4	5.694	65	72285	51.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.580%		
32) Benzene-d6	5.723	84	225512	49.199	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.400%		
36) 1,2-Dichloropropane-d6	6.684	67	76251	51.544	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.080%		
41) Toluene-d8	7.893	98	203008	47.571	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.140%		
43) trans-1,3-Dichloroprop...	8.173	79	35492	48.627	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.260%		
47) 2-Hexanone-d5	8.626	63	56358	121.856	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	121.860%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	104209	54.378	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	108.760%		
66) 1,2-Dichlorobenzene-d4	12.189	152	69972	52.753	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.500%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	64069	41.497	ug/L	99
3) Chloromethane	1.520	50	62154	43.688	ug/L	98
5) Vinyl chloride	1.604	62	71096	45.683	ug/L	99
6) Bromomethane	1.851	94	34286	36.650	ug/L	97
8) Chloroethane	1.932	64	41076	44.683	ug/L	97
9) Trichlorofluoromethane	2.134	101	83132	42.813	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	48225	41.056	ug/L	96
12) 1,1-Dichloroethene	2.578	96	44405	40.878	ug/L	95
13) Acetone	2.617	43	50063	69.451	ug/L	95
14) Carbon disulfide	2.790	76	128287	38.991	ug/L	97
15) Methyl Acetate	2.941	43	50636	51.250	ug/L	98
16) Methylene chloride	3.041	84	56499	42.873	ug/L	97
17) trans-1,2-Dichloroethene	3.347	96	46178	41.897	ug/L	90
18) Methyl tert-butyl Ether	3.356	73	173000	46.678	ug/L	99
19) 1,1-Dichloroethane	3.861	63	102534	45.573	ug/L	96
20) cis-1,2-Dichloroethene	4.662	96	57836	44.676	ug/L	98
22) 2-Butanone	4.691	43	74265	90.432	ug/L	99
23) Bromochloromethane	4.967	128	26202	42.448	ug/L #	84
25) Chloroform	5.083	83	101373	45.027	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053279.D
 Acq On : 17 Mar 2023 19:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050165

Quant Time: Mar 18 01:55:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 01:49:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	84548	47.573	ug/L	97
29) Cyclohexane	5.382	56	92163	43.769	ug/L	98
30) 1,1,1-Trichloroethane	5.311	97	85300	44.284	ug/L	98
31) Carbon tetrachloride	5.520	117	66960	42.431	ug/L	98
33) Benzene	5.768	78	232578	47.472	ug/L	100
34) Trichloroethene	6.536	95	55919	43.774	ug/L	99
35) Methylcyclohexane	6.758	83	95487	42.643	ug/L	99
37) 1,2-Dichloropropane	6.784	63	65377	47.829	ug/L	100
38) Bromodichloromethane	7.099	83	78805	46.327	ug/L	95
39) cis-1,3-Dichloropropene	7.600	75	101076	45.008	ug/L	100
40) 4-Methyl-2-pentanone	7.784	43	149693	106.547	ug/L	99
42) Toluene	7.964	91	239621	45.494	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	97510	47.501	ug/L	98
45) 1,1,2-Trichloroethane	8.395	97	58029	46.623	ug/L	98
46) Tetrachloroethene	8.549	164	35868	43.157	ug/L	100
48) 2-Hexanone	8.678	43	117273	99.680	ug/L	99
49) Dibromochloromethane	8.806	129	53910	42.342	ug/L	96
50) 1,2-Dibromoethane	8.919	107	61592	46.442	ug/L	100
51) Chlorobenzene	9.443	112	148828	45.336	ug/L	100
52) Ethylbenzene	9.565	91	271784	45.502	ug/L	100
53) m,p-Xylene	9.690	106	101045	45.325	ug/L	96
54) o-Xylene	10.095	106	99659	45.198	ug/L	98
55) Styrene	10.108	104	169035	45.998	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	104609	51.264	ug/L	97
59) Bromoform	10.285	173	35985	46.160	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	76667	56.322	ug/L	98
61) Isopropylbenzene	10.478	105	267939	49.504	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	218169	48.696	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	211073	48.333	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	107077	47.171	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	106438	46.708	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	107935	47.574	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	21589	57.354	ug/L	88
69) 1,3,5-Trichlorobenzene	13.214	180	64935	45.120	ug/L	97
70) 1,2,4-trichlorobenzene	13.835	180	59830	46.267	ug/L	99
71) Naphthalene	14.082	128	233188	53.501	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	60314	49.183	ug/L	100

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

