

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060624\
 Data File : VU059175.D
 Acq On : 06 Jun 2024 19:05
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050177

Quant Time: Jun 07 05:11:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 05:05:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	212026	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	216117	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111127	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	73155	57.625	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 115.260%	
7) Chloroethane-d5	1.907	69	60922	56.022	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 112.040%	
11) 1,1-Dichloroethene-d2	2.563	63	131885	52.632	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 105.260%	
21) 2-Butanone-d5	4.611	46	106109	88.677	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 88.680%	
24) Chloroform-d	5.055	84	128461	50.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.660%	
26) 1,2-Dichloroethane-d4	5.695	65	78816	50.883	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.760%	
32) Benzene-d6	5.721	84	254750	51.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.720%	
36) 1,2-Dichloropropane-d6	6.682	67	84167	49.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 98.420%	
41) Toluene-d8	7.891	98	230147	54.657	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.320%	
43) trans-1,3-Dichloroprop...	8.174	79	34810	50.353	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.700%	
47) 2-Hexanone-d5	8.624	63	67365	85.177	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 85.180%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	121776	42.071	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 84.140%	
66) 1,2-Dichlorobenzene-d4	12.187	152	80306	48.424	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 96.840%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	104841	48.802	ug/L	98
3) Chloromethane	1.518	50	119778	48.242	ug/L	99
5) Vinyl chloride	1.602	62	126699	51.932	ug/L	99
6) Bromomethane	1.850	94	75571	38.718	ug/L	96
8) Chloroethane	1.927	64	77547	50.972	ug/L	100
9) Trichlorofluoromethane	2.132	101	143540	50.560	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	87235	52.812	ug/L	98
12) 1,1-Dichloroethene	2.573	96	80978	54.051	ug/L	93
13) Acetone	2.615	43	105408	74.945	ug/L	99
14) Carbon disulfide	2.785	76	255217	50.582	ug/L	99
15) Methyl Acetate	2.940	43	115744	51.953	ug/L	100
16) Methylene chloride	3.036	84	102691	50.658	ug/L	95
17) trans-1,2-Dichloroethene	3.345	96	85096	52.625	ug/L	96
18) Methyl tert-butyl Ether	3.351	73	264437	50.344	ug/L	99
19) 1,1-Dichloroethane	3.859	63	179381	51.754	ug/L	98
20) cis-1,2-Dichloroethene	4.656	96	94573	51.325	ug/L	94
22) 2-Butanone	4.689	43	163472	96.003	ug/L	99
23) Bromochloromethane	4.965	128	49268	52.785	ug/L	95
25) Chloroform	5.078	83	178447	53.171	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060624\
 Data File : VU059175.D
 Acq On : 06 Jun 2024 19:05
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050177

Quant Time: Jun 07 05:11:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 05:05:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	141368	49.862	ug/L	100
29) Cyclohexane	5.380	56	137758	47.745	ug/L	98
30) 1,1,1-Trichloroethane	5.306	97	141910	50.503	ug/L	99
31) Carbon tetrachloride	5.518	117	117002	51.262	ug/L	99
33) Benzene	5.766	78	394453	50.546	ug/L	100
34) Trichloroethene	6.534	95	98566	51.583	ug/L	99
35) Methylcyclohexane	6.756	83	140685	50.074	ug/L	98
37) 1,2-Dichloropropane	6.782	63	111640	50.380	ug/L	100
38) Bromodichloromethane	7.097	83	131554	50.965	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	153691	50.127	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	304377	104.772	ug/L	99
42) Toluene	7.962	91	412517	52.662	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	140366	50.570	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	103362	51.878	ug/L	99
46) Tetrachloroethene	8.547	164	67066	52.692	ug/L	91
48) 2-Hexanone	8.676	43	241701	98.647	ug/L	98
49) Dibromochloromethane	8.801	129	97194	53.979	ug/L	97
50) 1,2-Dibromoethane	8.917	107	106350	51.746	ug/L	99
51) Chlorobenzene	9.441	112	246630	52.166	ug/L	99
52) Ethylbenzene	9.566	91	425558	52.696	ug/L	100
53) m,p-Xylene	9.688	106	158677	53.462	ug/L	99
54) o-Xylene	10.094	106	154729	53.792	ug/L	96
55) Styrene	10.110	104	272514	55.737	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	180682	49.782	ug/L	98
59) Bromoform	10.283	173	76090	52.222	ug/L	98
60) 1,2,3-Trichloropropane	10.817	75	144050	46.613	ug/L	99
61) Isopropylbenzene	10.479	105	401332	51.334	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	287226	50.706	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	321831	52.411	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	183598	50.246	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	189637	50.252	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	183357	48.011	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	39986	51.039	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	117743	48.791	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	98070	50.882	ug/L	97
71) Naphthalene	14.084	128	284497	46.633	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	103472	52.805	ug/L	99

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

