

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057159.D
 Acq On : 22 Dec 2023 01:16
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005103

Quant Time: Dec 22 01:31:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	172142	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	171437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	88265	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	83136	5.053	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.000%
7) Chloroethane-d5	1.911	69	68634	5.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.563	65	35763	5.017	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.400%
20) 2-Butanone-d5	4.624	46	133889	51.828	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.660%
24) Chloroform-d	5.055	84	158694	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.695	65	76201	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.721	84	285266	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.685	67	80882	4.834	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.891	98	266777	4.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.174	79	34006	4.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.627	63	124267	52.398	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.800%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	61430	5.159	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	90547	4.767	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	76044	4.724	ug/L	99
3) Chloromethane	1.518	50	67980	4.819	ug/L	100
5) Vinyl chloride	1.602	62	79707	5.297	ug/L	99
6) Bromomethane	1.856	94	35795	5.439	ug/L	96
8) Chloroethane	1.933	64	47886	5.012	ug/L	95
9) Trichlorofluoromethane	2.136	101	135604	4.904	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	69324	4.842	ug/L	98
12) 1,1-Dichloroethene	2.576	96	61289	4.762	ug/L	93
13) Acetone	2.637	43	79002	50.864	ug/L	98
14) Carbon disulfide	2.789	76	179044	4.422	ug/L	98
15) Methyl Acetate	2.949	43	21076	5.754	ug/L	92
16) Methylene chloride	3.043	84	78671	5.258	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	137342	5.025	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	62060	4.945	ug/L	97
19) 1,1-Dichloroethane	3.859	63	123900	4.975	ug/L	98
21) 2-Butanone	4.705	43	119340	50.416	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	68455	4.953	ug/L	94
23) Bromochloromethane	4.968	128	29699	4.959	ug/L	92
25) Chloroform	5.081	83	138757	4.939	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057159.D
 Acq On : 22 Dec 2023 01:16
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005103

Quant Time: Dec 22 01:31:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	80923	4.882	ug/L #	95
29) 1,1,1-Trichloroethane	5.309	97	127623	4.684	ug/L	98
30) Cyclohexane	5.383	56	87708	4.762	ug/L	97
31) Carbon tetrachloride	5.518	117	109215	4.557	ug/L	97
33) Benzene	5.766	78	266958	4.912	ug/L	100
34) Trichloroethene	6.538	95	73495	4.624	ug/L	96
35) Methylcyclohexane	6.759	83	97149	4.643	ug/L	98
37) 1,2-Dichloropropane	6.782	63	65045	4.811	ug/L	98
38) Bromodichloromethane	7.097	83	94837	4.849	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	97768	4.808	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	297313	50.590	ug/L	99
42) Toluene	7.965	91	289508	5.026	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	84034	4.842	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	47779	5.123	ug/L	96
47) Tetrachloroethene	8.547	164	53878	4.731	ug/L	97
48) 2-Hexanone	8.679	43	220779	51.060	ug/L	99
49) Dibromochloromethane	8.804	129	58632	4.849	ug/L	98
50) 1,2-Dibromoethane	8.917	107	43521	4.970	ug/L	97
51) Chlorobenzene	9.441	112	184226	4.914	ug/L	97
52) Ethylbenzene	9.566	91	315244	4.857	ug/L	99
53) m,p-Xylene	9.689	106	117969	4.969	ug/L	100
54) o-Xylene	10.094	106	111103	4.850	ug/L	99
55) Styrene	10.110	104	195774	5.182	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	56429	5.017	ug/L #	98
59) Bromoform	10.283	173	34620	5.111	ug/L	95
60) Isopropylbenzene	10.480	105	316818	4.868	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	39341	4.784	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	257183	4.823	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	256688	4.878	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	148779	4.837	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	145154	4.688	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	131514	4.781	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8828	4.733	ug/L	92
69) 1,3,5-Trichlorobenzene	13.213	180	107569	4.701	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	79512	4.438	ug/L	98
71) Naphthalene	14.081	128	104238	4.599	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	65020	4.652	ug/L	98

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

