

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056177.D
 Acq On : 10 Nov 2023 17:44
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

Quant Time: Nov 10 22:23:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 10 22:17:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	374500	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	365412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	184341	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	96420	4.148	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.907	69	70992	4.500	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.563	65	43210	4.219	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.621	46	206262	54.087	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.180%
24) Chloroform-d	5.058	84	211231	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.695	65	91500	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	416338	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.685	67	121946	4.720	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.894	98	379612	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.177	79	45836	4.642	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.627	63	188353	58.194	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.380%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	93423	5.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	136052	4.786	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	154956	4.879	ug/L	100
3) Chloromethane	1.515	50	145510	4.891	ug/L	99
5) Vinyl chloride	1.602	62	151707	4.929	ug/L	99
6) Bromomethane	1.853	94	88010	4.978	ug/L	99
8) Chloroethane	1.930	64	85944	5.150	ug/L	99
9) Trichlorofluoromethane	2.136	101	205663	5.052	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	130871	5.046	ug/L	99
12) 1,1-Dichloroethene	2.576	96	123485	5.130	ug/L	97
13) Acetone	2.631	43	144974	51.548	ug/L	98
14) Carbon disulfide	2.788	76	396681	4.836	ug/L	99
15) Methyl Acetate	2.949	43	38708	4.878	ug/L	97
16) Methylene chloride	3.039	84	141053	5.110	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	285062	5.257	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	129796	5.089	ug/L	97
19) 1,1-Dichloroethane	3.862	63	238454	5.125	ug/L	97
21) 2-Butanone	4.702	43	252019	54.336	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	145443	5.282	ug/L	99
23) Bromochloromethane	4.968	128	61598	5.042	ug/L	99
25) Chloroform	5.081	83	254119	5.126	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	142464	5.077	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	215162	5.140	ug/L	99
30) Cyclohexane	5.383	56	196194	5.016	ug/L	98
31) Carbon tetrachloride	5.518	117	188281	5.065	ug/L	100
33) Benzene	5.769	78	541206	5.172	ug/L	100
34) Trichloroethene	6.537	95	148318	5.190	ug/L	97
35) Methylcyclohexane	6.756	83	211754	4.985	ug/L	99
37) 1,2-Dichloropropane	6.785	63	139096	5.112	ug/L	100
38) Bromodichloromethane	7.100	83	172539	5.078	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	199065	5.184	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	648397	54.481	ug/L	99
42) Toluene	7.965	91	584359	5.298	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	161004	5.178	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	98793	5.311	ug/L	98
47) Tetrachloroethene	8.550	164	112796	5.259	ug/L	99
48) 2-Hexanone	8.679	43	478214	55.188	ug/L	97
49) Dibromochloromethane	8.804	129	111776	5.237	ug/L	98
50) 1,2-Dibromoethane	8.920	107	92392	5.316	ug/L	98
51) Chlorobenzene	9.444	112	369763	5.196	ug/L	98
52) Ethylbenzene	9.566	91	627437	5.220	ug/L	99
53) m,p-Xylene	9.688	106	245629	5.373	ug/L	99
54) o-Xylene	10.097	106	237576	5.421	ug/L	95
55) Styrene	10.110	104	405654	5.658	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	114635	5.244	ug/L	98
59) Bromoform	10.286	173	66198	5.171	ug/L	100
60) Isopropylbenzene	10.479	105	635244	5.315	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	79543	4.999	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	510792	5.270	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	518066	5.449	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	300081	5.301	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	294536	5.262	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	279276	5.354	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	16822	5.012	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	227382	5.363	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	188269	5.597	ug/L	97
71) Naphthalene	14.081	128	282683	5.666	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	165328	5.606	ug/L	98

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

