

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062730.D
 Acq On : 14 Jan 2025 09:06
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005100

Quant Time: Jan 15 00:23:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 13 18:58:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	94655	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88964	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	47069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19574	3.734	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.901	69	18864	4.473	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.557	65	11196	4.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.608	46	60359	56.334	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.660%
24) Chloroform-d	5.049	84	63927	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.689	65	34649	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.714	84	104968	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.679	67	30528	5.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.888	98	98736	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.168	79	14889	4.954	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.621	63	50472	53.394	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.780%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	27025	5.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	39893	5.094	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	47475	5.265	ug/L	100
3) Chloromethane	1.515	50	28810	4.761	ug/L	98
5) Vinyl chloride	1.599	62	34389	5.047	ug/L	98
6) Bromomethane	1.846	94	16081	3.244	ug/L	92
8) Chloroethane	1.924	64	20384	4.979	ug/L	96
9) Trichlorofluoromethane	2.129	101	73208	5.326	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	36838	5.547	ug/L	98
12) 1,1-Dichloroethene	2.570	96	30548	5.199	ug/L	97
13) Acetone	2.615	43	41270	48.623	ug/L	99
14) Carbon disulfide	2.782	76	94584	5.040	ug/L	98
15) Methyl Acetate	2.940	43	9893	5.383	ug/L	98
16) Methylene chloride	3.033	84	33774	5.247	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	83771	5.187	ug/L	99
18) trans-1,2-Dichloroethene	3.342	96	32521	5.166	ug/L	95
19) 1,1-Dichloroethane	3.853	63	59514	5.287	ug/L	99
21) 2-Butanone	4.689	43	59367	52.519	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	36222	5.284	ug/L	98
23) Bromochloromethane	4.962	128	17027	5.261	ug/L	94
25) Chloroform	5.075	83	71820	5.185	ug/L	99

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 VSTD005100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	46725	5.159	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	70658	5.236	ug/L	99
30) Cyclohexane	5.374	56	46866	5.318	ug/L	99
31) Carbon tetrachloride	5.512	117	66333	5.349	ug/L	95
33) Benzene	5.759	78	133431	5.220	ug/L	100
34) Trichloroethene	6.531	95	40198	4.604	ug/L	96
35) Methylcyclohexane	6.753	83	55710	5.185	ug/L	98
37) 1,2-Dichloropropane	6.779	63	32461	5.384	ug/L	99
38) Bromodichloromethane	7.094	83	52468	5.411	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	53564	5.218	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	150345	53.378	ug/L	99
42) Toluene	7.959	91	150187	5.362	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	47709	5.391	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	26101	5.330	ug/L	95
47) Tetrachloroethene	8.544	164	31312	5.207	ug/L	99
48) 2-Hexanone	8.673	43	106761	52.723	ug/L	97
49) Dibromochloromethane	8.798	129	36153	5.498	ug/L	97
50) 1,2-Dibromoethane	8.914	107	25940	5.537	ug/L	95
51) Chlorobenzene	9.435	112	97198	5.307	ug/L	99
52) Ethylbenzene	9.560	91	171598	5.399	ug/L	98
53) m,p-Xylene	9.682	106	64839	5.455	ug/L	100
54) o-Xylene	10.090	106	61132	5.369	ug/L	94
55) Styrene	10.103	104	104264	5.474	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	29539	5.377	ug/L	92
59) Bromoform	10.280	173	21422	5.218	ug/L	98
60) Isopropylbenzene	10.473	105	178684	5.509	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	22404	5.366	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	151540	5.497	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	147122	5.517	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	82537	5.489	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	81555	5.378	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	77166	5.475	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.984	75	6170	5.705	ug/L	93
69) 1,3,5-Trichlorobenzene	13.209	180	61459	5.427	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	47201	5.175	ug/L	98
71) Naphthalene	14.081	128	63132	4.730	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	40349	5.075	ug/L	96

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

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