

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011325\
 Data File : VU062703.D
 Acq On : 13 Jan 2025 08:44
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005098

Quant Time: Jan 13 18:56:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	99334	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91280	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49945	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20565	3.738	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.904	69	19083	4.312	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.557	65	11201	3.930	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.605	46	59527	52.941	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.880%
24) Chloroform-d	5.049	84	63617	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.692	65	34832	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.714	84	101641	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.679	67	29632	4.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.888	98	101487	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.171	79	15383	4.988	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.621	63	50421	51.987	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27041	5.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	38331	4.613	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	50200	5.305	ug/L	100
3) Chloromethane	1.515	50	31542	4.967	ug/L	98
5) Vinyl chloride	1.599	62	35665	4.988	ug/L	98
6) Bromomethane	1.843	94	20220	3.886	ug/L	96
8) Chloroethane	1.923	64	21333	4.965	ug/L	91
9) Trichlorofluoromethane	2.129	101	75365	5.225	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	38075	5.463	ug/L	97
12) 1,1-Dichloroethene	2.570	96	32955	5.344	ug/L	98
13) Acetone	2.611	43	44551	50.016	ug/L	99
14) Carbon disulfide	2.785	76	101077	5.132	ug/L	100
15) Methyl Acetate	2.939	43	10240	5.309	ug/L	98
16) Methylene chloride	3.033	84	34372	5.089	ug/L	96
17) Methyl tert-butyl Ether	3.348	73	89966	5.308	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	34727	5.257	ug/L	98
19) 1,1-Dichloroethane	3.856	63	62525	5.293	ug/L	99
21) 2-Butanone	4.685	43	62552	52.730	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	37181	5.168	ug/L	99
23) Bromochloromethane	4.962	128	18191	5.356	ug/L	97
25) Chloroform	5.074	83	75214	5.174	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	50603	5.324	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	75437	5.448	ug/L	98
30) Cyclohexane	5.377	56	47801	5.287	ug/L	95
31) Carbon tetrachloride	5.512	117	69300	5.446	ug/L	98
33) Benzene	5.762	78	138840	5.294	ug/L	100
34) Trichloroethene	6.531	95	42973	4.797	ug/L	96
35) Methylcyclohexane	6.753	83	59423	5.391	ug/L	97
37) 1,2-Dichloropropane	6.778	63	32441	5.244	ug/L	99
38) Bromodichloromethane	7.094	83	53065	5.334	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	56889	5.401	ug/L	100
40) 4-Methyl-2-pentanone	7.778	43	158011	54.676	ug/L	99
42) Toluene	7.958	91	156079	5.431	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	50234	5.532	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	27836	5.540	ug/L	94
47) Tetrachloroethene	8.544	164	32941	5.339	ug/L	96
48) 2-Hexanone	8.672	43	108818	52.375	ug/L	99
49) Dibromochloromethane	8.798	129	36844	5.461	ug/L	96
50) 1,2-Dibromoethane	8.913	107	27588	5.739	ug/L	96
51) Chlorobenzene	9.438	112	102201	5.438	ug/L	99
52) Ethylbenzene	9.560	91	179068	5.491	ug/L	98
53) m,p-Xylene	9.685	106	67027	5.496	ug/L	99
54) o-Xylene	10.090	106	64723	5.540	ug/L	98
55) Styrene	10.106	104	110467	5.653	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	31325	5.558	ug/L #	98
59) Bromoform	10.283	173	22683	5.207	ug/L	99
60) Isopropylbenzene	10.476	105	183393	5.328	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	23409	5.284	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	155820	5.326	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	150692	5.325	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	84199	5.277	ug/L	97
65) 1,4-Dichlorobenzene	11.826	146	84070	5.225	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	77035	5.151	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	6090	5.307	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	62404	5.193	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	44409	4.588	ug/L	100
71) Naphthalene	14.080	128	54295	3.834	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	36439	4.319	ug/L	99

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

