

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060525\
 Data File : VV038755.D
 Acq On : 05 Jun 2025 13:00
 Operator : SY/MD
 Sample : Q2117-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2025-03

Quant Time: Jun 13 10:23:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 13 10:19:03 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	219191	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	228178	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	96025	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	139970	4.561	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.200%	
7) Chloroethane-d5	1.542	69	109619	5.047	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2	2.066	65	57112	4.596	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.000%	
20) 2-Butanone-d5	3.789	46	209911	53.185	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.380%	
24) Chloroform-d	4.249	84	217812	4.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
26) 1,2-Dichloroethane-d4	4.941	65	103532	5.201	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	4.960	84	392373	4.780	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	5.986	67	130881	5.127	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.600%	
41) Toluene-d8	7.236	98	296105	4.138	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.800%	
43) trans-1,3-Dichloroprop...	7.555	79	43612	4.930	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.600%	
46) 2-Hexanone-d5	8.014	63	150328	50.534	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.060%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	88622	4.776	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	11.551	152	95154	5.358	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.118	85	7354	0.251	ug/L	99
5) Vinyl chloride	1.294	62	9014m	0.282	ug/L	
6) Bromomethane	1.497	94	5077	0.317	ug/L	97
8) Chloroethane	1.558	64	5760	0.297	ug/L	90
9) Trichlorofluoromethane	1.722	101	10670	0.256	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	8379	0.352	ug/L #	82
12) 1,1-Dichloroethene	2.076	96	7273	0.325	ug/L #	1
14) Carbon disulfide	2.249	76	19132	0.251	ug/L	99
15) Methyl Acetate	2.413	43	1841m	0.220	ug/L	
16) Methylene chloride	2.455	84	7321	0.291	ug/L	93
17) Methyl tert-butyl Ether	2.709	73	10299	0.252	ug/L #	94
18) trans-1,2-Dichloroethene	2.706	96	5379	0.241	ug/L	95
19) 1,1-Dichloroethane	3.121	63	11908	0.267	ug/L	99
21) 2-Butanone	3.934	43	11150m	2.547	ug/L	
22) cis-1,2-Dichloroethene	3.822	96	5420m	0.244	ug/L	
23) Bromochloromethane	4.166	128	2413	0.241	ug/L	94
25) Chloroform	4.278	83	13705	0.309	ug/L	93
27) 1,2-Dichloroethane	5.056	62	5854m	0.235	ug/L	
29) 1,1,1-Trichloroethane	4.510	97	10219	0.267	ug/L	94

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30) Cyclohexane	4.587	56	8075	0.228	ug/L #	92
31) Carbon tetrachloride	4.738	117	8231	0.244	ug/L	86
33) Benzene	5.015	78	20369	0.227	ug/L	100
34) Trichloroethene	5.844	95	5736	0.251	ug/L	93
35) Methylcyclohexane	6.053	83	9220m	0.255	ug/L	
37) 1,2-Dichloropropane	6.111	63	5400	0.228	ug/L #	96
38) Bromodichloromethane	6.439	83	7918	0.256	ug/L	91
39) cis-1,3-Dichloropropene	6.979	75	7782m	0.248	ug/L	
40) 4-Methyl-2-pentanone	7.159	43	19889	1.838	ug/L #	86
42) Toluene	7.320	91	19531	0.215	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	6691	0.253	ug/L	93
45) 1,1,2-Trichloroethane	7.776	97	4499	0.268	ug/L	93
47) Tetrachloroethene	7.908	164	4572	0.259	ug/L	91
48) 2-Hexanone	8.082	43	25210	3.375	ug/L #	83
49) Dibromochloromethane	8.175	129	4922	0.264	ug/L	91
50) 1,2-Dibromoethane	8.288	107	3847	0.263	ug/L #	90
51) Chlorobenzene	8.815	112	14330	0.243	ug/L	92
52) Ethylbenzene	8.950	91	19184	0.206	ug/L	96
53) m,p-Xylene	9.079	106	6512	0.185	ug/L	93
54) o-Xylene	9.477	106	5875	0.176	ug/L	99
55) Styrene	9.503	104	10312m	0.181	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.169	83	5439	0.283	ug/L #	85
59) Bromoform	9.670	173	2255	0.300	ug/L #	92
60) Isopropylbenzene	9.866	105	17203	0.242	ug/L	95
61) 1,2,3-Trichloropropane	10.207	75	3214	0.315	ug/L	93
62) 1,3,5-Trimethylbenzene	10.471	105	11770	0.215	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	11477	0.210	ug/L	94
64) 1,3-Dichlorobenzene	11.120	146	8870	0.258	ug/L	93
65) 1,4-Dichlorobenzene	11.201	146	9088	0.252	ug/L	93
67) 1,2-Dichlorobenzene	11.571	146	9086	0.289	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.365	75	807	0.370	ug/L #	70
69) 1,3,5-Trichlorobenzene	12.580	180	6423	0.289	ug/L	95
70) 1,2,4-trichlorobenzene	13.197	180	4065	0.232	ug/L	87
71) Naphthalene	13.442	128	5474	0.194	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.673	180	3921	0.245	ug/L	98

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

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