

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060625\
 Data File : VV038760.D
 Acq On : 06 Jun 2025 10:55
 Operator : SY/MD
 Sample : Q2117-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2025-04

Quant Time: Jun 13 10:57:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 13 10:50:34 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	5.532	114	219134	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	232144	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	97656	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	132639	4.323	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.400%	
7) Chloroethane-d5	1.542	69	100849	4.644	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.800%	
11) 1,1-Dichloroethene-d2	2.066	65	51098	4.113	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.200%	
20) 2-Butanone-d5	3.789	46	192476	48.780	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.560%	
24) Chloroform-d	4.249	84	204376	4.679	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
26) 1,2-Dichloroethane-d4	4.940	65	99860	5.018	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	4.957	84	370511	4.437	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	5.982	67	126738	4.880	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.236	98	280519	3.853	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	7.551	79	38826	4.314	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.200%	
46) 2-Hexanone-d5	8.014	63	139122	45.968	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.940%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	83925	4.445	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.000%	
66) 1,2-Dichlorobenzene-d4	11.551	152	89432	4.952	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.117	85	7534	0.257	ug/L	94
5) Vinyl chloride	1.291	62	7943	0.248	ug/L #	78
6) Bromomethane	1.497	94	3858	0.241	ug/L	85
8) Chloroethane	1.555	64	5207	0.269	ug/L	100
9) Trichlorofluoromethane	1.722	101	10603	0.254	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	7493	0.315	ug/L #	84
12) 1,1-Dichloroethene	2.072	96	7259	0.324	ug/L #	1
14) Carbon disulfide	2.246	76	18118	0.238	ug/L #	94
15) Methyl Acetate	2.404	43	2150m	0.258	ug/L	
16) Methylene chloride	2.455	84	6322	0.251	ug/L	88
17) Methyl tert-butyl Ether	2.709	73	8279	0.203	ug/L	93
18) trans-1,2-Dichloroethene	2.706	96	5065	0.227	ug/L	90
19) 1,1-Dichloroethane	3.117	63	10360	0.232	ug/L	95
21) 2-Butanone	3.934	43	12993m	2.969	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	5793m	0.261	ug/L	
23) Bromochloromethane	4.169	128	2318m	0.231	ug/L	
25) Chloroform	4.272	83	12816	0.289	ug/L	95
27) 1,2-Dichloroethane	5.059	62	6989m	0.281	ug/L	
29) 1,1,1-Trichloroethane	4.516	97	9025	0.232	ug/L #	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.584	56	7981	0.221	ug/L #	68
31) Carbon tetrachloride	4.731	117	7172	0.209	ug/L	90
33) Benzene	5.014	78	21346m	0.234	ug/L	
34) Trichloroethene	5.850	95	5599m	0.241	ug/L	
35) Methylcyclohexane	6.040	83	8123	0.221	ug/L #	91
37) 1,2-Dichloropropane	6.095	63	4963m	0.206	ug/L	
38) Bromodichloromethane	6.442	83	7064	0.225	ug/L	97
39) cis-1,3-Dichloropropene	6.963	75	6884m	0.215	ug/L	
40) 4-Methyl-2-pentanone	7.162	43	16608	1.508	ug/L #	85
42) Toluene	7.320	91	17878	0.193	ug/L	84
44) trans-1,3-Dichloropropene	7.590	75	5690	0.211	ug/L	84
45) 1,1,2-Trichloroethane	7.776	97	3873	0.227	ug/L	92
47) Tetrachloroethene	7.905	164	3636	0.202	ug/L	85
49) Dibromochloromethane	8.178	129	4878	0.257	ug/L	94
50) 1,2-Dibromoethane	8.291	107	3382	0.228	ug/L #	97
51) Chlorobenzene	8.812	112	12511	0.208	ug/L	94
52) Ethylbenzene	8.947	91	17750	0.188	ug/L	89
53) m,p-Xylene	9.079	106	6152	0.172	ug/L	81
54) o-Xylene	9.477	106	5296	0.156	ug/L	96
55) Styrene	9.506	104	9231m	0.159	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.172	83	5096	0.260	ug/L #	93
59) Bromoform	9.667	173	2228	0.291	ug/L #	57
60) Isopropylbenzene	9.863	105	14563	0.201	ug/L #	95
61) 1,2,3-Trichloropropane	10.204	75	2669	0.257	ug/L	94
62) 1,3,5-Trimethylbenzene	10.471	105	10516	0.189	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	9925	0.178	ug/L	95
64) 1,3-Dichlorobenzene	11.117	146	7664	0.220	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	8844	0.241	ug/L	97
67) 1,2-Dichlorobenzene	11.570	146	8233	0.257	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.368	75	758m	0.342	ug/L	
69) 1,3,5-Trichlorobenzene	12.580	180	4875	0.215	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	3976	0.223	ug/L	93
71) Naphthalene	13.445	128	5086	0.177	ug/L	96
72) 1,2,3-Trichlorobenzene	13.673	180	3533	0.217	ug/L	93

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

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