

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW091525\
 Data File : VW039075.D
 Acq On : 15 Sep 2025 13:54
 Operator : SY/MD
 Sample : Q2899-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2025-05

Quant Time: Sep 16 02:29:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 02:04:20 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	407040	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	413128	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	164149	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	161937	5.044	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.800%	
7) Chloroethane-d5	1.545	69	140614	5.054	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2	2.069	65	75224	4.919	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.400%	
20) 2-Butanone-d5	3.812	46	203895	42.762	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.520%	
24) Chloroform-d	4.249	84	320118	5.134	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
26) 1,2-Dichloroethane-d4	4.944	65	137823	5.249	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	4.957	84	586187	5.185	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
36) 1,2-Dichloropropane-d6	5.986	67	185510	5.490	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.800%	
41) Toluene-d8	7.236	98	478406	4.727	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
43) trans-1,3-Dichloroprop...	7.551	79	60057	4.859	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.200%	
46) 2-Hexanone-d5	8.018	63	181092	45.260	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.520%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	117874	4.886	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	11.548	152	148357	5.615	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	12501	0.293	ug/L	94
3) Chloromethane	1.227	50	13155	0.314	ug/L	96
5) Vinyl chloride	1.294	62	13951	0.313	ug/L #	74
6) Bromomethane	1.500	94	8164	0.321	ug/L	95
8) Chloroethane	1.561	64	8890	0.320	ug/L	99
9) Trichlorofluoromethane	1.725	101	18596	0.310	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	13504	0.365	ug/L	87
12) 1,1-Dichloroethene	2.082	96	12554	0.376	ug/L #	1
14) Carbon disulfide	2.253	76	36264	0.317	ug/L	98
15) Methyl Acetate	2.413	43	2240m	0.222	ug/L	
16) Methylene chloride	2.458	84	33200	0.883	ug/L	91
17) Methyl tert-butyl Ether	2.716	73	14410	0.251	ug/L #	93
18) trans-1,2-Dichloroethene	2.709	96	9313	0.274	ug/L	96
19) 1,1-Dichloroethane	3.121	63	18831	0.302	ug/L	94
21) 2-Butanone	3.925	43	12936m	2.431	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	9463	0.285	ug/L	89
23) Bromochloromethane	4.166	128	4170	0.275	ug/L	85
25) Chloroform	4.278	83	21507	0.333	ug/L	98
27) 1,2-Dichloroethane	5.063	62	10376m	0.313	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
29) 1,1,1-Trichloroethane	4.513	97	17346	0.305	ug/L	96	09/16/2025
30) Cyclohexane	4.580	56	13078	0.259	ug/L	92	Supervised By :Semsettin
31) Carbon tetrachloride	4.741	117	14576	0.283	ug/L	97	Yesilyurt
33) Benzene	5.015	78	37206	0.286	ug/L	100	
34) Trichloroethene	5.847	95	9868	0.282	ug/L	98	
35) Methylcyclohexane	6.043	83	16641	0.303	ug/L	86	
37) 1,2-Dichloropropane	6.104	63	8410	0.249	ug/L #	95	09/16/2025
38) Bromodichloromethane	6.439	83	12300	0.281	ug/L	96	
39) cis-1,3-Dichloropropene	6.969	75	12053	0.269	ug/L	84	
40) 4-Methyl-2-pentanone	7.162	43	31426m	2.352	ug/L		
42) Toluene	7.320	91	36073	0.266	ug/L	96	
44) trans-1,3-Dichloropropene	7.593	75	10691m	0.294	ug/L		
45) 1,1,2-Trichloroethane	7.783	97	7092	0.306	ug/L	99	
47) Tetrachloroethene	7.905	164	7372	0.269	ug/L	96	
48) 2-Hexanone	8.085	43	26667	2.871	ug/L #	71	
49) Dibromochloromethane	8.175	129	7987	0.295	ug/L	98	
50) 1,2-Dibromoethane	8.291	107	6899	0.332	ug/L #	80	
51) Chlorobenzene	8.812	112	26751	0.306	ug/L	94	
52) Ethylbenzene	8.944	91	34629	0.248	ug/L	97	
53) m,p-Xylene	9.075	106	11979	0.221	ug/L	97	
54) o-Xylene	9.474	106	11376	0.228	ug/L	74	
55) Styrene	9.506	104	18416m	0.209	ug/L		
57) 1,1,2,2-Tetrachloroethane	10.169	83	7635	0.296	ug/L #	97	
59) Bromoform	9.664	173	3923	0.337	ug/L	90	
60) Isopropylbenzene	9.860	105	29483	0.269	ug/L	94	
61) 1,2,3-Trichloropropane	10.204	75	4942	0.357	ug/L	98	
62) 1,3,5-Trimethylbenzene	10.468	105	21338	0.253	ug/L	97	
63) 1,2,4-Trimethylbenzene	10.847	105	21519	0.260	ug/L	97	
64) 1,3-Dichlorobenzene	11.117	146	15802	0.295	ug/L	98	
65) 1,4-Dichlorobenzene	11.201	146	17755	0.320	ug/L	92	
67) 1,2-Dichlorobenzene	11.567	146	15965	0.336	ug/L #	92	
68) 1,2-Dibromo-3-chloropr...	12.365	75	1155	0.383	ug/L #	88	
69) 1,3,5-Trichlorobenzene	12.580	180	10735	0.306	ug/L	98	
70) 1,2,4-trichlorobenzene	13.197	180	7719	0.292	ug/L	98	
71) Naphthalene	13.442	128	9599	0.238	ug/L #	88	
72) 1,2,3-Trichlorobenzene	13.677	180	6981	0.296	ug/L	95	

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

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