Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091725\
Data File : VU063604.D
Acq On : 17 Sep 2025 14:01
Operator : MD/SY
Sample : Q2899-01
Misc : 28mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 18 06:38:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 18 06:17:12 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt
09/22/2025
Supervised By :Mahesh Dadoda
09/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	148155	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	136661	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65401	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	35327	4.638	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.800%			
7) Chloroethane-d5	1.898	69	34370	4.694	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.800%			
11) 1,1-Dichloroethene-d2	2.551	65	16079	4.425	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.400%			
20) 2-Butanone-d5	4.618	46	98521	44.950	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.900%			
24) Chloroform-d	5.049	84	78639	4.321	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.400%			
26) 1,2-Dichloroethane-d4	5.692	65	46843	4.826	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.600%			
32) Benzene-d6	5.714	84	149200	4.546	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.000%			
36) 1,2-Dichloropropane-d6	6.679	67	53301	5.018	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.400%			
41) Toluene-d8	7.888	98	137025	4.654	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
43) trans-1,3-Dichloroprop...	8.174	79	11872	4.083	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.600%			
46) 2-Hexanone-d5	8.624	63	71278	46.532	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.060%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	37565	4.387	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	50287	4.949	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	2318	0.197	ug/L	96
3) Chloromethane	1.512	50	2685	0.206	ug/L	92
5) Vinyl chloride	1.592	62	3082	0.221	ug/L #	80
6) Bromomethane	1.840	94	1838	0.223	ug/L	94
8) Chloroethane	1.917	64	1801	0.209	ug/L	94
9) Trichlorofluoromethane	2.126	101	3256	0.178	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.557	101	2613	0.253	ug/L #	77
12) 1,1-Dichloroethene	2.563	96	2086	0.218	ug/L #	1
14) Carbon disulfide	2.779	76	4824	0.191	ug/L #	95
16) Methylene chloride	3.033	84	3818	0.340	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	4296	0.182	ug/L #	82
18) trans-1,2-Dichloroethene	3.348	96	1885	0.190	ug/L	95
19) 1,1-Dichloroethane	3.856	63	3479	0.172	ug/L	94
21) 2-Butanone	4.727	43	12124m	4.341	ug/L	
22) cis-1,2-Dichloroethene	4.650	96	2068m	0.184	ug/L	
23) Bromochloromethane	4.981	128	791m	0.159	ug/L	
25) Chloroform	5.071	83	4924	0.238	ug/L	99
27) 1,2-Dichloroethane	5.792	62	2716	0.198	ug/L #	94
30) Cyclohexane	5.377	56	3119	0.169	ug/L #	83

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31)	Carbon tetrachloride	5.512	117	2016	0.164	ug/L		98
33)	Benzene	5.763	78	9242m	0.216	ug/L		
35)	Methylcyclohexane	6.747	83	3558	0.199	ug/L		96
37)	1,2-Dichloropropane	6.779	63	2332	0.202	ug/L	#	89
38)	Bromodichloromethane	7.097	83	2368	0.191	ug/L	#	89
39)	cis-1,3-Dichloropropene	7.605	75	2570	0.196	ug/L		85
40)	4-Methyl-2-pentanone	7.788	43	11320	1.709	ug/L	#	85
42)	Toluene	7.968	91	9485	0.207	ug/L		97
44)	trans-1,3-Dichloropropene	8.206	75	2206m	0.229	ug/L		
45)	1,1,2-Trichloroethane	8.393	97	1359	0.172	ug/L	#	84
48)	2-Hexanone	8.682	43	19294m	4.154	ug/L		
49)	Dibromochloromethane	8.801	129	1250	0.173	ug/L		83
50)	1,2-Dibromoethane	8.920	107	1213	0.172	ug/L	#	81
51)	Chlorobenzene	9.438	112	6294	0.212	ug/L		95
52)	Ethylbenzene	9.566	91	9787	0.194	ug/L		93
53)	m,p-Xylene	9.689	106	3707	0.196	ug/L		97
54)	o-Xylene	10.094	106	3421	0.187	ug/L		86
55)	Styrene	10.119	104	5366	0.179	ug/L		92
57)	1,1,2,2-Tetrachloroethane	10.772	83	2048	0.216	ug/L		92
59)	Bromoform	10.287	173	546	0.154	ug/L	#	73
60)	Isopropylbenzene	10.480	105	8883	0.189	ug/L		96
61)	1,2,3-Trichloropropane	10.824	75	1427	0.220	ug/L	#	85
62)	1,3,5-Trimethylbenzene	11.084	105	7596	0.199	ug/L		98
63)	1,2,4-Trimethylbenzene	11.467	105	6831	0.187	ug/L		94
64)	1,3-Dichlorobenzene	11.743	146	4780	0.227	ug/L		91
65)	1,4-Dichlorobenzene	11.833	146	5135	0.241	ug/L		92
67)	1,2-Dichlorobenzene	12.206	146	4508	0.229	ug/L		97
69)	1,3,5-Trichlorobenzene	13.219	180	3597	0.228	ug/L		94
70)	1,2,4-trichlorobenzene	13.846	180	3362	0.276	ug/L		93
71)	Naphthalene	14.106	128	7203m	0.395	ug/L		
72)	1,2,3-Trichlorobenzene	14.328	180	3171	0.303	ug/L		97

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

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