Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088408.D
Acq On : 02 Dec 2025 15:02
Operator : JC\MD
Sample : Q3530-07 0.2PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 03 03:33:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Manual Integrations APPROVED

Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	230337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	469230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	408656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	179358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	275717	63.543	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 127.080%#			
35) Dibromofluoromethane	8.147	113	180320	55.453	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.900%			
50) Toluene-d8	10.541	98	637070	52.655	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.300%			
62) 4-Bromofluorobenzene	12.829	95	210042	50.596	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	859	0.248	ug/l #	44
3) Chloromethane	2.383	50	1294	0.348	ug/l #	67
4) Vinyl Chloride	2.542	62	1052	0.278	ug/l #	85
5) Bromomethane	2.983	94	723	0.397	ug/l #	62
6) Chloroethane	3.148	64	718	0.307	ug/l #	42
7) Trichlorofluoromethane	3.524	101	1389	0.261	ug/l #	77
8) Diethyl Ether	3.965	74	578	0.290	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	596	0.211	ug/l #	30
10) Methyl Iodide	4.583	142	656	0.234	ug/l #	77
11) Tert butyl alcohol	5.506	59	469	0.677	ug/l #	72
13) Acrolein	4.177	56	361	0.544	ug/l #	45
15) Acrylonitrile	5.718	53	2315m	1.158	ug/l	
16) Acetone	4.424	43	4531	2.887	ug/l	93
17) Carbon Disulfide	4.695	76	2163m	0.236	ug/l	
18) Methyl Acetate	5.030	43	1133	0.243	ug/l #	53
19) Methyl tert-butyl Ether	5.753	73	2393m	0.227	ug/l	
20) Methylene Chloride	5.271	84	1212	0.361	ug/l #	67
22) Diisopropyl ether	6.665	45	2436	0.219	ug/l #	59
23) Vinyl Acetate	6.589	43	10835	1.209	ug/l #	91
24) 1,1-Dichloroethane	6.547	63	1589	0.252	ug/l #	83
25) 2-Butanone	7.459	43	3413m	1.353	ug/l	
26) 2,2-Dichloropropane	7.477	77	1428	0.263	ug/l #	56
28) Bromochloromethane	7.806	49	740m	0.236	ug/l	
29) Tetrahydrofuran	7.835	42	1776	0.981	ug/l #	53
30) Chloroform	7.941	83	1578	0.255	ug/l #	82
32) 1,1,1-Trichloroethane	8.141	97	1532	0.282	ug/l #	43
38) Carbon Tetrachloride	8.341	117	1311	0.262	ug/l #	49
39) Methylcyclohexane	9.577	83	1304	0.243	ug/l #	87
40) Benzene	8.594	78	3295	0.224	ug/l #	77
41) Methacrylonitrile	7.747	41	907	0.278	ug/l #	37
42) 1,2-Dichloroethane	8.647	62	1685	0.300	ug/l #	77
43) Isopropyl Acetate	8.671	43	2047	0.203	ug/l #	61
45) 1,2-Dichloropropane	9.600	63	854	0.226	ug/l #	46
46) Dibromomethane	9.694	93	670	0.249	ug/l #	64
48) Methyl methacrylate	9.671	41	1089	0.237	ug/l #	68
51) 4-Methyl-2-Pentanone	10.429	43	5168	0.870	ug/l #	88

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Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
52) Toluene	10.606	92	2097	0.247 ug/l		98
55) 1,1,2-Trichloroethane	11.000	97	703	0.214 ug/l	#	87
58) 2-Chloroethyl Vinyl ether	10.141	63	2784	0.929 ug/l	#	88
59) 2-Hexanone	11.212	43	1953m	0.522 ug/l		
60) Dibromochloromethane	11.335	129	925	0.247 ug/l		89
61) 1,2-Dibromoethane	11.447	107	972	0.292 ug/l	#	69
64) Tetrachloroethene	11.082	164	669	0.207 ug/l	#	73
65) Chlorobenzene	11.865	112	1933	0.211 ug/l	#	85
66) 1,1,1,2-Tetrachloroethane	11.929	131	809	0.261 ug/l	#	58
68) m/p-Xylenes	12.053	106	2512	0.422 ug/l		95
71) Bromoform	12.553	173	520m	0.229 ug/l		
73) Isopropylbenzene	12.676	105	2824	0.213 ug/l		84
75) 1,1,2,2-Tetrachloroethane	12.918	83	961	0.224 ug/l	#	96
76) 1,2,3-Trichloropropane	12.976	75	1220m	0.290 ug/l		
77) Bromobenzene	12.959	156	730	0.241 ug/l		73
78) n-propylbenzene	13.023	91	3707	0.228 ug/l		96
79) 2-Chlorotoluene	13.106	91	2303	0.232 ug/l		94
80) 1,3,5-Trimethylbenzene	13.147	105	2579	0.235 ug/l		91
82) 4-Chlorotoluene	13.206	91	2088	0.212 ug/l		94
84) 1,2,4-Trimethylbenzene	13.465	105	2252	0.206 ug/l		98
85) sec-Butylbenzene	13.588	105	2794	0.208 ug/l		90
86) p-Isopropyltoluene	13.712	119	2232	0.203 ug/l	#	76
87) 1,3-Dichlorobenzene	13.712	146	1574	0.266 ug/l		94
88) 1,4-Dichlorobenzene	13.794	146	2036m	0.329 ug/l		
89) n-Butylbenzene	14.053	91	2547	0.238 ug/l	#	34
91) 1,2-Dichlorobenzene	14.082	146	1139	0.205 ug/l		92
93) 1,2,4-Trichlorobenzene	15.364	180	965	0.292 ug/l	#	88
95) Naphthalene	15.617	128	2451	0.214 ug/l	#	79
96) 1,2,3-Trichlorobenzene	15.829	180	749	0.233 ug/l	#	14

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

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