Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088350.D
Acq On : 24 Nov 2025 14:56
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Nov 25 01:38:43 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.206	168	183101	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.083	114	407526	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.847	117	390169	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	181766	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.559	65	192090	55.690	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.380%				
35) Dibromofluoromethane	8.153	113	143367	50.765	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.520%				
50) Toluene-d8	10.547	98	524787	49.942	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.880%				
62) 4-Bromofluorobenzene	12.829	95	187569	52.023	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.040%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.148	85	1411	0.513	ug/l		72
3) Chloromethane	2.383	50	2155	0.730	ug/l	#	86
4) Vinyl Chloride	2.530	62	1322	0.440	ug/l	#	79
5) Bromomethane	2.983	94	2186	1.511	ug/l	#	78
6) Chloroethane	3.142	64	460	0.247	ug/l	#	49
7) Trichlorofluoromethane	3.518	101	1863	0.441	ug/l	#	82
8) Diethyl Ether	3.971	74	408	0.257	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.359	101	467	0.208	ug/l	#	1
10) Methyl Iodide	4.595	142	2251	1.011	ug/l	#	72
11) Tert butyl alcohol	5.512	59	1182	2.146	ug/l	#	72
12) 1,1-Dichloroethene	4.348	96	1173	0.525	ug/l	#	7
13) Acrolein	4.183	56	2130	4.040	ug/l	#	13
14) Allyl chloride	5.018	41	2023	0.489	ug/l	#	78
15) Acrylonitrile	5.724	53	5597	3.523	ug/l	#	26
16) Acetone	4.418	43	4261	3.416	ug/l	#	77
17) Carbon Disulfide	4.706	76	13984	1.916	ug/l	#	88
18) Methyl Acetate	5.018	43	2582	0.695	ug/l		96
20) Methylene Chloride	5.265	84	1252	0.469	ug/l	#	51
21) trans-1,2-Dichloroethene	5.759	96	537	0.217	ug/l	#	79
22) Diisopropyl ether	6.659	45	1863	0.211	ug/l	#	49
23) Vinyl Acetate	6.595	43	6012	0.844	ug/l		95
24) 1,1-Dichloroethane	6.559	63	1227	0.245	ug/l	#	83
25) 2-Butanone	7.471	43	3688	1.839	ug/l	#	90
28) Bromochloromethane	7.789	49	1116	0.448	ug/l	#	55
29) Tetrahydrofuran	7.836	42	1416	0.984	ug/l	#	80
30) Chloroform	7.947	83	1324	0.269	ug/l	#	32
31) Cyclohexane	8.206	56	8441	1.861	ug/l	#	38
32) 1,1,1-Trichloroethane	8.153	97	867	0.200	ug/l	#	22
36) 1,1-Dichloropropene	8.359	75	2082	0.478	ug/l	#	75
39) Methylcyclohexane	9.588	83	3440	0.738	ug/l		93
40) Benzene	8.594	78	3536	0.276	ug/l	#	64
41) Methacrylonitrile	7.747	41	698	0.246	ug/l	#	30
42) 1,2-Dichloroethane	8.659	62	2172	0.445	ug/l	#	77
44) Trichloroethene	9.335	130	1170	0.387	ug/l		63
45) 1,2-Dichloropropane	9.612	63	704	0.215	ug/l	#	46
46) Dibromomethane	9.688	93	1074	0.459	ug/l	#	74

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Methyl methacrylate	9.659	41	1685	0.422	ug/l	#	33
51) 4-Methyl-2-Pentanone	10.430	43	5272	1.021	ug/l		95
52) Toluene	10.612	92	2661	0.360	ug/l		83
53) t-1,3-Dichloropropene	10.818	75	1738	0.355	ug/l		91
54) cis-1,3-Dichloropropene	10.306	75	1251	0.243	ug/l	#	70
55) 1,1,2-Trichloroethane	10.994	97	900	0.315	ug/l	#	45
57) 1,3-Dichloropropane	11.147	76	1544	0.299	ug/l	#	62
58) 2-Chloroethyl Vinyl ether	10.147	63	2702	1.038	ug/l		92
61) 1,2-Dibromoethane	11.465	107	634	0.219	ug/l		92
64) Tetrachloroethene	11.077	164	1843	0.596	ug/l	#	56
65) Chlorobenzene	11.871	112	2554	0.291	ug/l		92
67) Ethyl Benzene	11.947	91	4995	0.326	ug/l	#	87
68) m/p-Xylenes	12.053	106	3600	0.634	ug/l		77
69) o-Xylene	12.376	106	1438	0.266	ug/l		85
71) Bromoform	12.559	173	477	0.220	ug/l	#	29
73) Isopropylbenzene	12.671	105	5633	0.419	ug/l		92
77) Bromobenzene	12.959	156	1124	0.366	ug/l		98
78) n-propylbenzene	13.018	91	10267	0.624	ug/l		96
79) 2-Chlorotoluene	13.200	91	4997	0.498	ug/l		95
80) 1,3,5-Trimethylbenzene	13.153	105	5940	0.533	ug/l		93
82) 4-Chlorotoluene	13.200	91	4997	0.501	ug/l		96
83) tert-Butylbenzene	13.418	119	8050	0.850	ug/l		96
84) 1,2,4-Trimethylbenzene	13.471	105	6233	0.563	ug/l		96
85) sec-Butylbenzene	13.594	105	13487	0.992	ug/l		94
86) p-Isopropyltoluene	13.706	119	10161	0.911	ug/l		95
87) 1,3-Dichlorobenzene	13.712	146	3958	0.661	ug/l		94
88) 1,4-Dichlorobenzene	13.712	146	3958	0.631	ug/l		92
89) n-Butylbenzene	14.041	91	13635	1.259	ug/l		94
90) Hexachloroethane	14.306	117	1932	0.948	ug/l		89
91) 1,2-Dichlorobenzene	14.088	146	3233	0.574	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.706	75	558	0.529	ug/l	#	22
93) 1,2,4-Trichlorobenzene	15.376	180	6159	1.840	ug/l		94
94) Hexachlorobutadiene	15.476	225	6317	5.252	ug/l		97
95) Naphthalene	15.617	128	13246	1.142	ug/l	#	87
96) 1,2,3-Trichlorobenzene	15.812	180	5707	1.752	ug/l		89

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

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