Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
Data File : VN086893.D
Acq On : 09 Jun 2025 10:50
Operator : JC\MD
Sample : VN0609WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 09 13:27:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	266986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	481053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	422488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	202169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	202389	56.618	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.240%			
35) Dibromofluoromethane	8.177	113	166951	58.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.120%			
50) Toluene-d8	10.565	98	622867	55.191	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.380%			
62) 4-Bromofluorobenzene	12.847	95	233615	55.716	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	51523	19.355	ug/l	100
3) Chloromethane	2.395	50	57302	16.670	ug/l	98
4) Vinyl Chloride	2.554	62	64913	18.306	ug/l	96
5) Bromomethane	2.995	94	41012	20.668	ug/l	100
6) Chloroethane	3.159	64	44644	19.491	ug/l	99
7) Trichlorofluoromethane	3.530	101	89135	19.239	ug/l	99
8) Diethyl Ether	3.983	74	46365	22.969	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.400	101	55767	19.159	ug/l	96
10) Methyl Iodide	4.612	142	67793	17.967	ug/l	95
11) Tert butyl alcohol	5.536	59	102670	105.851	ug/l	98
12) 1,1-Dichloroethene	4.365	96	59847	20.139	ug/l	93
13) Acrolein	4.200	56	29042	94.593	ug/l	99
14) Allyl chloride	5.048	41	88856	18.030	ug/l	97
15) Acrylonitrile	5.736	53	249150	109.898	ug/l	99
16) Acetone	4.448	43	186059	98.150	ug/l	99
17) Carbon Disulfide	4.736	76	147605	17.957	ug/l	99
18) Methyl Acetate	5.042	43	119428	21.619	ug/l	96
19) Methyl tert-butyl Ether	5.818	73	246789	22.937	ug/l	99
20) Methylene Chloride	5.295	84	72770	20.504	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	64982	19.655	ug/l	93
22) Diisopropyl ether	6.683	45	213617	20.563	ug/l	97
23) Vinyl Acetate	6.618	43	935448	106.579	ug/l	97
24) 1,1-Dichloroethane	6.583	63	118296	19.787	ug/l	98
25) 2-Butanone	7.489	43	315151	102.277	ug/l	98
26) 2,2-Dichloropropane	7.500	77	97539	20.974	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	83955	21.233	ug/l	96
28) Bromochloromethane	7.824	49	63228	21.510	ug/l	91
29) Tetrahydrofuran	7.847	42	210156	104.697	ug/l	94
30) Chloroform	7.977	83	119528	20.020	ug/l	100
31) Cyclohexane	8.265	56	99106	17.094	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	98672	19.432	ug/l	93
36) 1,1-Dichloropropene	8.377	75	82550	19.433	ug/l	99
37) Ethyl Acetate	7.571	43	118150	21.848	ug/l	98
38) Carbon Tetrachloride	8.365	117	80592	19.324	ug/l	96
39) Methylcyclohexane	9.606	83	99387	17.077	ug/l	96
40) Benzene	8.612	78	281242	20.246	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	63106	20.779	ug/l		93
42) 1,2-Dichloroethane	8.677	62	89967	21.353	ug/l		98
43) Isopropyl Acetate	8.694	43	184375	21.243	ug/l		96
44) Trichloroethene	9.353	130	68709	20.860	ug/l		94
45) 1,2-Dichloropropane	9.624	63	70359	20.819	ug/l		97
46) Dibromomethane	9.712	93	50518	22.505	ug/l		97
47) Bromodichloromethane	9.888	83	97765	21.168	ug/l		94
48) Methyl methacrylate	9.682	41	82557	20.666	ug/l		94
49) 1,4-Dioxane	9.700	88	34752	478.183	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.447	43	573654	109.788	ug/l		97
52) Toluene	10.629	92	186254	21.940	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	116115	22.484	ug/l		95
54) cis-1,3-Dichloropropene	10.312	75	121569	22.000	ug/l		96
55) 1,1,2-Trichloroethane	11.018	97	74365	22.766	ug/l		95
56) Ethyl methacrylate	10.882	69	125687	24.158	ug/l		93
57) 1,3-Dichloropropane	11.165	76	125890	22.217	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	349023	112.472	ug/l		97
59) 2-Hexanone	11.200	43	368271	109.420	ug/l		91
60) Dibromochloromethane	11.359	129	77533	22.781	ug/l		100
61) 1,2-Dibromoethane	11.471	107	76919	22.974	ug/l		98
64) Tetrachloroethene	11.106	164	52176	19.514	ug/l		97
65) Chlorobenzene	11.888	112	195119	20.940	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	65205	21.769	ug/l		98
67) Ethyl Benzene	11.965	91	317590	19.787	ug/l		99
68) m/p-Xylenes	12.071	106	251284	40.899	ug/l		97
69) o-Xylene	12.394	106	122737	20.858	ug/l		99
70) Styrene	12.412	104	213765	21.229	ug/l		99
71) Bromoform	12.582	173	52554	23.680	ug/l	#	99
73) Isopropylbenzene	12.694	105	293400	19.921	ug/l		99
74) N-amyl acetate	12.523	43	117821	22.893	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.935	83	116789	23.407	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	82055m	17.075	ug/l		
77) Bromobenzene	12.976	156	76143	22.543	ug/l		100
78) n-propylbenzene	13.035	91	346865	19.379	ug/l		99
79) 2-Chlorotoluene	13.123	91	216311	20.152	ug/l		96
80) 1,3,5-Trimethylbenzene	13.171	105	244158	20.079	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	51065	24.461	ug/l		90
82) 4-Chlorotoluene	13.218	91	219687	20.227	ug/l		98
83) tert-Butylbenzene	13.435	119	221806	19.927	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	248941	20.416	ug/l		100
85) sec-Butylbenzene	13.612	105	303760	18.792	ug/l		99
86) p-Isopropyltoluene	13.729	119	259754	19.440	ug/l		98
87) 1,3-Dichlorobenzene	13.729	146	140762	21.181	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	143075	21.117	ug/l		100
89) n-Butylbenzene	14.053	91	235600	18.204	ug/l		99
90) Hexachloroethane	14.329	117	42184	18.625	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	136855	21.435	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26513	22.219	ug/l		90
93) 1,2,4-Trichlorobenzene	15.388	180	79356	19.464	ug/l		99
94) Hexachlorobutadiene	15.494	225	27017	17.787	ug/l		99
95) Naphthalene	15.635	128	327594	21.587	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	77458	19.122	ug/l		100

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

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