Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
Data File : VN087119.D
Acq On : 19 Jun 2025 17:52
Operator : JC\MD
Sample : Q2329-12MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 01:30:25 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 :
TT172S1-20250613MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	177485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	324249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	106321	44.742	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 89.480%			
35) Dibromofluoromethane	8.171	113	94304	49.076	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.160%			
50) Toluene-d8	10.565	98	349005	45.879	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.760%			
62) 4-Bromofluorobenzene	12.847	95	131657	46.584	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	91097	51.478	ug/l	99
3) Chloromethane	2.395	50	103151	45.140	ug/l	99
4) Vinyl Chloride	2.554	62	132183	56.075	ug/l	99
5) Bromomethane	2.989	94	71309	54.057	ug/l	92
6) Chloroethane	3.154	64	84512	55.503	ug/l	93
7) Trichlorofluoromethane	3.530	101	168464	54.699	ug/l	100
8) Diethyl Ether	3.983	74	74805	55.746	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.395	101	103505	53.492	ug/l	99
10) Methyl Iodide	4.612	142	92527	36.888	ug/l	98
11) Tert butyl alcohol	5.536	59	156895	243.326	ug/l	98
12) 1,1-Dichloroethene	4.371	96	109245	55.301	ug/l	93
13) Acrolein	4.200	56	42318	207.340	ug/l	100
14) Allyl chloride	5.048	41	153558	46.871	ug/l	95
15) Acrylonitrile	5.736	53	381061	252.842	ug/l	99
16) Acetone	4.448	43	286922	227.682	ug/l	100
17) Carbon Disulfide	4.736	76	309512	56.642	ug/l	99
18) Methyl Acetate	5.048	43	151644	41.293	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	374361	52.338	ug/l	98
20) Methylene Chloride	5.295	84	125128	53.036	ug/l	93
21) trans-1,2-Dichloroethene	5.812	96	117148	53.301	ug/l	92
22) Diisopropyl ether	6.683	45	340365	49.286	ug/l	96
23) Vinyl Acetate	6.618	43	1432710	245.547	ug/l	97
24) 1,1-Dichloroethane	6.583	63	213618	53.751	ug/l	100
25) 2-Butanone	7.489	43	478559	233.627	ug/l	96
26) 2,2-Dichloropropane	7.500	77	158168	51.163	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	141666	53.896	ug/l	96
28) Bromochloromethane	7.824	49	86952	44.499	ug/l	92
29) Tetrahydrofuran	7.847	42	311959	233.785	ug/l	94
30) Chloroform	7.977	83	208999	52.659	ug/l	96
31) Cyclohexane	8.265	56	182112	47.251	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	178740	52.950	ug/l	97
36) 1,1-Dichloropropene	8.377	75	153809	53.717	ug/l	98
37) Ethyl Acetate	7.565	43	173325	47.551	ug/l	99
38) Carbon Tetrachloride	8.371	117	150377	53.493	ug/l	98
39) Methylcyclohexane	9.606	83	174796	44.558	ug/l	97
40) Benzene	8.612	78	497556	53.139	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	93397	45.624	ug/l		90
42) 1,2-Dichloroethane	8.677	62	146825	51.700	ug/l		100
43) Isopropyl Acetate	8.694	43	269980	46.148	ug/l		95
44) Trichloroethene	9.359	130	206823	93.156	ug/l		97
45) 1,2-Dichloropropane	9.624	63	119679	52.538	ug/l		98
46) Dibromomethane	9.712	93	82681	54.645	ug/l		99
47) Bromodichloromethane	9.888	83	165037	53.015	ug/l		99
48) Methyl methacrylate	9.682	41	126622	47.024	ug/l		95
49) 1,4-Dioxane	9.700	88	51559	1052.526	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.447	43	869262	246.814	ug/l		98
52) Toluene	10.629	92	307149	53.678	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	182930	52.551	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	195053	52.369	ug/l		94
55) 1,1,2-Trichloroethane	11.018	97	115996	52.683	ug/l		99
56) Ethyl methacrylate	10.882	69	194990	55.602	ug/l		94
57) 1,3-Dichloropropane	11.165	76	202641	53.055	ug/l		100
59) 2-Hexanone	11.200	43	576643	254.185	ug/l		93
60) Dibromochloromethane	11.359	129	128464	56.000	ug/l		99
61) 1,2-Dibromoethane	11.471	107	121399	53.793	ug/l		99
64) Tetrachloroethene	11.106	164	96507	54.082	ug/l		96
65) Chlorobenzene	11.888	112	336372	54.089	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	110949	55.501	ug/l		99
67) Ethyl Benzene	11.965	91	567034	52.935	ug/l		99
68) m/p-Xylenes	12.071	106	451077	110.005	ug/l		97
69) o-Xylene	12.394	106	219362	55.857	ug/l		95
70) Styrene	12.412	104	373229	55.538	ug/l		98
71) Bromoform	12.576	173	85568	57.770	ug/l	#	100
73) Isopropylbenzene	12.694	105	535971	51.746	ug/l		100
74) N-amyl acetate	12.512	43	154996	42.823	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.935	83	184105	52.467	ug/l		98
76) 1,2,3-Trichloropropane	12.988	75	172985m	51.185	ug/l		
77) Bromobenzene	12.976	156	130562	54.964	ug/l		94
78) n-propylbenzene	13.035	91	625891	49.723	ug/l		99
79) 2-Chlorotoluene	13.123	91	380272	50.375	ug/l		97
80) 1,3,5-Trimethylbenzene	13.171	105	437368	51.145	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	73016	49.733	ug/l		90
82) 4-Chlorotoluene	13.218	91	391800	51.295	ug/l		98
83) tert-Butylbenzene	13.435	119	378819	48.393	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	445991	52.009	ug/l		100
85) sec-Butylbenzene	13.612	105	538763	47.394	ug/l		100
86) p-Isopropyltoluene	13.723	119	449281	47.811	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	247185	52.890	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	253319	53.165	ug/l		99
89) n-Butylbenzene	14.053	91	389128	42.752	ug/l		99
90) Hexachloroethane	14.329	117	80747	50.694	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	236809	52.741	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	41104	48.981	ug/l		95
93) 1,2,4-Trichlorobenzene	15.388	180	134773	47.005	ug/l		100
94) Hexachlorobutadiene	15.500	225	39567	37.040	ug/l		99
95) Naphthalene	15.635	128	535992	50.223	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	129799	45.564	ug/l		100

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

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