Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052325\
Data File : VN086769.D
Acq On : 23 May 2025 11:16
Operator : JC\MD
Sample : VN0523WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 24 02:30:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	283024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	485622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	427228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	194058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	163735	41.867	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 83.740%			
35) Dibromofluoromethane	8.165	113	143418	49.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.180%			
50) Toluene-d8	10.565	98	594026	49.564	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.120%			
62) 4-Bromofluorobenzene	12.847	95	211187	49.905	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	55450	18.142	ug/l	99
3) Chloromethane	2.359	50	72670	15.719	ug/l	99
4) Vinyl Chloride	2.512	62	67423	16.239	ug/l	96
5) Bromomethane	2.953	94	38086	15.913	ug/l	95
6) Chloroethane	3.118	64	41967	15.430	ug/l	96
7) Trichlorofluoromethane	3.500	101	85677	17.268	ug/l	98
8) Diethyl Ether	3.959	74	35493	17.316	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	52775	17.767	ug/l	98
10) Methyl Iodide	4.589	142	62766	16.987	ug/l	98
11) Tert butyl alcohol	5.512	59	53214	74.711	ug/l #	89
12) 1,1-Dichloroethene	4.342	96	53905	17.076	ug/l	88
13) Acrolein	4.177	56	75824	99.581	ug/l	99
14) Allyl chloride	5.018	41	73106	15.300	ug/l	93
15) Acrylonitrile	5.718	53	140444	79.637	ug/l	97
16) Acetone	4.424	43	101257	69.215	ug/l	92
17) Carbon Disulfide	4.712	76	141467	16.186	ug/l	98
18) Methyl Acetate	5.018	43	58100	14.190	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	182151	16.946	ug/l	99
20) Methylene Chloride	5.277	84	62093	16.084	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	56131	16.818	ug/l	97
22) Diisopropyl ether	6.671	45	169435	15.718	ug/l	96
23) Vinyl Acetate	6.600	43	613252	75.696	ug/l	95
24) 1,1-Dichloroethane	6.565	63	101482	16.035	ug/l	98
25) 2-Butanone	7.477	43	165465	73.194	ug/l	97
26) 2,2-Dichloropropane	7.488	77	90937	17.411	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	68857	16.808	ug/l	97
28) Bromochloromethane	7.806	49	51232	17.817	ug/l	86
29) Tetrahydrofuran	7.835	42	110529	74.907	ug/l	96
30) Chloroform	7.959	83	103737	16.376	ug/l	97
31) Cyclohexane	8.253	56	91542	15.596	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	89808	16.815	ug/l	97
36) 1,1-Dichloropropene	8.365	75	74361	17.431	ug/l	99
37) Ethyl Acetate	7.559	43	67896	15.756	ug/l	98
38) Carbon Tetrachloride	8.359	117	77251	18.379	ug/l	97
39) Methylcyclohexane	9.594	83	83807	18.152	ug/l	93
40) Benzene	8.606	78	244180	17.546	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	35959	15.455	ug/l		92
42) 1,2-Dichloroethane	8.665	62	70744	16.317	ug/l		95
43) Isopropyl Acetate	8.682	43	118884	13.762	ug/l		96
44) Trichloroethene	9.347	130	63461	18.907	ug/l		97
45) 1,2-Dichloropropane	9.618	63	55934	16.920	ug/l		97
46) Dibromomethane	9.706	93	39549	17.729	ug/l		97
47) Bromodichloromethane	9.882	83	80381	17.489	ug/l		97
48) Methyl methacrylate	9.676	41	53844	16.085	ug/l		95
49) 1,4-Dioxane	9.694	88	24829	350.284	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.441	43	344618	79.106	ug/l		97
52) Toluene	10.629	92	157119	18.166	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	87821	18.047	ug/l		99
54) cis-1,3-Dichloropropene	10.306	75	95950	18.062	ug/l		94
55) 1,1,2-Trichloroethane	11.012	97	56225	17.426	ug/l		96
56) Ethyl methacrylate	10.871	69	91124	17.590	ug/l		95
57) 1,3-Dichloropropane	11.159	76	96891	17.432	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	210145	90.766	ug/l		97
59) 2-Hexanone	11.194	43	251990	79.210	ug/l		96
60) Dibromochloromethane	11.353	129	64122	18.964	ug/l		98
61) 1,2-Dibromoethane	11.465	107	58416	18.017	ug/l		98
64) Tetrachloroethene	11.100	164	65190	19.919	ug/l		96
65) Chlorobenzene	11.888	112	175590	18.743	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	57313	18.951	ug/l		99
67) Ethyl Benzene	11.959	91	294415	18.348	ug/l		100
68) m/p-Xylenes	12.070	106	236847	38.969	ug/l		96
69) o-Xylene	12.394	106	115291	19.080	ug/l		99
70) Styrene	12.406	104	189599	19.166	ug/l		99
71) Bromoform	12.576	173	42434	19.729	ug/l	#	99
73) Isopropylbenzene	12.688	105	277084	18.487	ug/l		100
74) N-amyl acetate	12.488	43	96845	15.465	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.935	83	77012	16.725	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	80650m	18.376	ug/l		
77) Bromobenzene	12.976	156	69659	18.476	ug/l		93
78) n-propylbenzene	13.029	91	313772	18.242	ug/l		98
79) 2-Chlorotoluene	13.123	91	203252	18.174	ug/l		98
80) 1,3,5-Trimethylbenzene	13.170	105	224023	18.656	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.729	75	29947	17.220	ug/l		93
82) 4-Chlorotoluene	13.217	91	199015	17.962	ug/l		99
83) tert-Butylbenzene	13.435	119	197457	18.856	ug/l		98
84) 1,2,4-Trimethylbenzene	13.476	105	224607	18.783	ug/l		100
85) sec-Butylbenzene	13.612	105	265095	18.879	ug/l		99
86) p-Isopropyltoluene	13.723	119	223275	19.399	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	120894	18.518	ug/l		99
88) 1,4-Dichlorobenzene	13.806	146	120134	18.572	ug/l		100
89) n-Butylbenzene	14.053	91	176871	18.537	ug/l		100
90) Hexachloroethane	14.329	117	35201	18.433	ug/l		92
91) 1,2-Dichlorobenzene	14.100	146	113308	18.247	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12409	16.268	ug/l		93
93) 1,2,4-Trichlorobenzene	15.388	180	49299	18.808	ug/l		99
94) Hexachlorobutadiene	15.494	225	21012	19.321	ug/l		99
95) Naphthalene	15.635	128	163698	17.987	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	46920	18.279	ug/l		99

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

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