Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
Data File : VN087104.D
Acq On : 19 Jun 2025 12:22
Operator : JC\MD
Sample : VN0619WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 01:21:38 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 :
VN0619WBS01

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	168651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	300634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	108975	48.261	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.520%			
35) Dibromofluoromethane	8.171	113	95048	53.349	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.700%			
50) Toluene-d8	10.565	98	352249	49.943	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.880%			
62) 4-Bromofluorobenzene	12.847	95	131878	50.328	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	33152	19.715	ug/l	99
3) Chloromethane	2.395	50	36144	16.645	ug/l	95
4) Vinyl Chloride	2.554	62	45733	20.417	ug/l	98
5) Bromomethane	3.001	94	24381	19.450	ug/l	97
6) Chloroethane	3.154	64	29734	20.551	ug/l	97
7) Trichlorofluoromethane	3.530	101	58381	19.949	ug/l	95
8) Diethyl Ether	3.983	74	23263	18.244	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.400	101	36694	19.957	ug/l	99
10) Methyl Iodide	4.612	142	25387	10.651	ug/l	94
11) Tert butyl alcohol	5.536	59	47889	78.161	ug/l	100
12) 1,1-Dichloroethene	4.365	96	36579	19.487	ug/l	89
13) Acrolein	4.200	56	14516	74.847	ug/l	99
14) Allyl chloride	5.042	41	53678	17.243	ug/l	97
15) Acrylonitrile	5.730	53	125605	87.707	ug/l	98
16) Acetone	4.448	43	106591	89.014	ug/l	96
17) Carbon Disulfide	4.742	76	106591	20.529	ug/l	99
18) Methyl Acetate	5.053	43	52756	15.118	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	123313	18.143	ug/l	98
20) Methylene Chloride	5.300	84	41638	18.573	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	39921	19.115	ug/l	93
22) Diisopropyl ether	6.689	45	116762	17.793	ug/l	96
23) Vinyl Acetate	6.618	43	504210	90.941	ug/l	98
24) 1,1-Dichloroethane	6.589	63	72207	19.121	ug/l	99
25) 2-Butanone	7.489	43	158665	81.516	ug/l	99
26) 2,2-Dichloropropane	7.500	77	62735	21.356	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	47158	18.881	ug/l	99
28) Bromochloromethane	7.824	49	30970	16.679	ug/l	93
29) Tetrahydrofuran	7.847	42	104052	82.062	ug/l	97
30) Chloroform	7.977	83	71775	19.032	ug/l	99
31) Cyclohexane	8.265	56	64243	17.542	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	61007	19.019	ug/l	94
36) 1,1-Dichloropropene	8.377	75	52501	19.776	ug/l	98
37) Ethyl Acetate	7.571	43	60681	17.955	ug/l	100
38) Carbon Tetrachloride	8.365	117	51019	19.575	ug/l	99
39) Methylcyclohexane	9.606	83	59566	16.377	ug/l	96
40) Benzene	8.612	78	166491	19.178	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	30797	16.226	ug/l		93
42) 1,2-Dichloroethane	8.677	62	49646	18.854	ug/l		100
43) Isopropyl Acetate	8.694	43	93856	17.303	ug/l		98
44) Trichloroethene	9.353	130	40989	19.912	ug/l		96
45) 1,2-Dichloropropane	9.624	63	41287	19.548	ug/l		96
46) Dibromomethane	9.712	93	28698	20.457	ug/l		98
47) Bromodichloromethane	9.888	83	55507	19.231	ug/l		98
48) Methyl methacrylate	9.682	41	40484	16.216	ug/l		95
49) 1,4-Dioxane	9.700	88	15863	349.264	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.447	43	279386	85.559	ug/l		99
52) Toluene	10.629	92	103384	19.487	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	61414	19.028	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	68133	19.730	ug/l		97
55) 1,1,2-Trichloroethane	11.018	97	40248	19.716	ug/l		99
56) Ethyl methacrylate	10.882	69	58604	18.024	ug/l		94
57) 1,3-Dichloropropane	11.165	76	68142	19.242	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	170894	88.120	ug/l		99
59) 2-Hexanone	11.206	43	159103	75.642	ug/l		92
60) Dibromochloromethane	11.359	129	42423	19.946	ug/l		99
61) 1,2-Dibromoethane	11.471	107	40038	19.135	ug/l		99
64) Tetrachloroethene	11.106	164	31369	18.678	ug/l		97
65) Chlorobenzene	11.888	112	114996	19.648	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	36384	19.339	ug/l		99
67) Ethyl Benzene	11.965	91	187103	18.559	ug/l		99
68) m/p-Xylenes	12.071	106	148640	38.516	ug/l		99
69) o-Xylene	12.394	106	69033	18.678	ug/l		100
70) Styrene	12.412	104	121336	19.185	ug/l		99
71) Bromoform	12.576	173	28191	20.223	ug/l	#	98
73) Isopropylbenzene	12.694	105	175452	18.117	ug/l		100
74) N-amyl acetate	12.529	43	59044m	17.448	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	62799	19.142	ug/l		97
76) 1,2,3-Trichloropropane	12.994	75	61035m	19.316	ug/l		
77) Bromobenzene	12.976	156	43802	19.723	ug/l		95
78) n-propylbenzene	13.035	91	208663	17.730	ug/l		99
79) 2-Chlorotoluene	13.123	91	127425	18.054	ug/l		99
80) 1,3,5-Trimethylbenzene	13.171	105	145386	18.184	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	24382	17.762	ug/l	#	89
82) 4-Chlorotoluene	13.218	91	131206	18.373	ug/l		99
83) tert-Butylbenzene	13.435	119	121825	16.646	ug/l		100
84) 1,2,4-Trimethylbenzene	13.482	105	145127	18.101	ug/l		99
85) sec-Butylbenzene	13.618	105	174730	16.440	ug/l		100
86) p-Isopropyltoluene	13.729	119	144675	16.467	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	84829	19.414	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	85402	19.170	ug/l		97
89) n-Butylbenzene	14.053	91	128130	15.056	ug/l		99
90) Hexachloroethane	14.335	117	26285	17.650	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	79570	18.954	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13393	17.070	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	42786	15.961	ug/l		100
94) Hexachlorobutadiene	15.500	225	13103	13.119	ug/l		98
95) Naphthalene	15.635	128	163318	16.368	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	40941	15.372	ug/l		100

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

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