Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
Data File : VN086837.D
Acq On : 03 Jun 2025 12:46
Operator : JC\MD
Sample : VN0603WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 04 01:56:56 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 :
VN0603WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	311874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	552803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	467842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	208414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	196901	45.690	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.380%			
35) Dibromofluoromethane	8.159	113	162966	49.501	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.000%			
50) Toluene-d8	10.565	98	650044	47.647	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.300%			
62) 4-Bromofluorobenzene	12.847	95	227930	47.315	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	61689	18.316	ug/l	99
3) Chloromethane	2.371	50	124743	24.487	ug/l	99
4) Vinyl Chloride	2.530	62	76314	16.680	ug/l	96
5) Bromomethane	2.977	94	35389	13.418	ug/l	92
6) Chloroethane	3.136	64	50742	16.931	ug/l	89
7) Trichlorofluoromethane	3.501	101	99083	18.122	ug/l	98
8) Diethyl Ether	3.948	74	44442	19.676	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	62543	19.108	ug/l	97
10) Methyl Iodide	4.571	142	27330	6.712	ug/l	94
11) Tert butyl alcohol	5.512	59	70823	90.235	ug/l	99
12) 1,1-Dichloroethene	4.330	96	64398	18.513	ug/l	92
13) Acrolein	4.159	56	55618	66.287	ug/l	100
14) Allyl chloride	5.006	41	111061	21.094	ug/l	88
15) Acrylonitrile	5.712	53	179724	92.483	ug/l	99
16) Acetone	4.412	43	149854	92.959	ug/l	99
17) Carbon Disulfide	4.695	76	164472	17.078	ug/l	98
18) Methyl Acetate	5.012	43	84725	18.778	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	231177	19.518	ug/l	99
20) Methylene Chloride	5.259	84	72387	17.016	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	68409	18.600	ug/l	92
22) Diisopropyl ether	6.665	45	228738	19.257	ug/l	97
23) Vinyl Acetate	6.595	43	834829	93.514	ug/l	100
24) 1,1-Dichloroethane	6.559	63	127319	18.256	ug/l	99
25) 2-Butanone	7.477	43	234150	93.996	ug/l	97
26) 2,2-Dichloropropane	7.483	77	115428	20.056	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	83833	18.570	ug/l	98
28) Bromochloromethane	7.806	49	63348	19.993	ug/l	97
29) Tetrahydrofuran	7.836	42	144894	89.113	ug/l	97
30) Chloroform	7.959	83	127505	18.266	ug/l	97
31) Cyclohexane	8.253	56	118488	18.319	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	109562	18.616	ug/l	93
36) 1,1-Dichloropropene	8.365	75	92546	19.058	ug/l	100
37) Ethyl Acetate	7.553	43	93247	19.009	ug/l	99
38) Carbon Tetrachloride	8.353	117	89775	18.763	ug/l	97
39) Methylcyclohexane	9.594	83	108094	20.567	ug/l	98
40) Benzene	8.600	78	303496	19.158	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	52387	19.779	ug/l		97
42) 1,2-Dichloroethane	8.665	62	90068	18.250	ug/l		98
43) Isopropyl Acetate	8.683	43	161210	16.394	ug/l		97
44) Trichloroethene	9.347	130	70515	18.455	ug/l		95
45) 1,2-Dichloropropane	9.618	63	73654	19.572	ug/l		97
46) Dibromomethane	9.706	93	47242	18.604	ug/l		98
47) Bromodichloromethane	9.883	83	101328	19.367	ug/l		99
48) Methyl methacrylate	9.677	41	74790	19.627	ug/l		97
49) 1,4-Dioxane	9.694	88	28415	352.158	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.441	43	456160	91.985	ug/l		98
52) Toluene	10.624	92	184334	18.722	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	114600	20.688	ug/l		97
54) cis-1,3-Dichloropropene	10.306	75	122048	20.183	ug/l		99
55) 1,1,2-Trichloroethane	11.012	97	68666	18.696	ug/l		97
56) Ethyl methacrylate	10.877	69	117944	20.001	ug/l		96
57) 1,3-Dichloropropane	11.159	76	120199	18.997	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	293754	111.459	ug/l		100
59) 2-Hexanone	11.200	43	296191	81.789	ug/l		96
60) Dibromochloromethane	11.359	129	76418	19.853	ug/l		97
61) 1,2-Dibromoethane	11.465	107	69273	18.769	ug/l		99
64) Tetrachloroethene	11.100	164	56471	15.757	ug/l		97
65) Chlorobenzene	11.888	112	199999	19.495	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.959	131	66741	20.152	ug/l		97
67) Ethyl Benzene	11.959	91	346395	19.713	ug/l		99
68) m/p-Xylenes	12.071	106	264199	39.696	ug/l		98
69) o-Xylene	12.394	106	134320	20.300	ug/l		98
70) Styrene	12.412	104	216399	19.976	ug/l		100
71) Bromoform	12.576	173	48865	20.747	ug/l	#	99
73) Isopropylbenzene	12.694	105	316849	19.684	ug/l		99
74) N-amyl acetate	12.506	43	116639	17.343	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.935	83	99132	20.046	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	81454m	17.281	ug/l		
77) Bromobenzene	12.976	156	74079	18.295	ug/l		100
78) n-propylbenzene	13.035	91	369822	20.020	ug/l		99
79) 2-Chlorotoluene	13.124	91	227183	18.915	ug/l		99
80) 1,3,5-Trimethylbenzene	13.171	105	257876	19.996	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	44806	23.990	ug/l		88
82) 4-Chlorotoluene	13.218	91	225346	18.937	ug/l		99
83) tert-Butylbenzene	13.435	119	219969	19.559	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	259010	20.168	ug/l		100
85) sec-Butylbenzene	13.612	105	309139	20.500	ug/l		100
86) p-Isopropyltoluene	13.723	119	263891	21.349	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	137032	19.544	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	135663	19.528	ug/l		99
89) n-Butylbenzene	14.053	91	223830	21.843	ug/l		99
90) Hexachloroethane	14.329	117	44022	21.464	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	128800	19.313	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	19200	23.437	ug/l		97
93) 1,2,4-Trichlorobenzene	15.394	180	69137	24.560	ug/l		99
94) Hexachlorobutadiene	15.500	225	24914	21.331	ug/l		98
95) Naphthalene	15.635	128	248177	25.391	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	67095	24.338	ug/l		100

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

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