Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
Data File : VN087118.D
Acq On : 19 Jun 2025 17:31
Operator : JC\MD
Sample : Q2329-11MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 20 01:29:27 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 :
TT172S1-20250613MS

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	180737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	323339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121021	50.011	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.020%			
35) Dibromofluoromethane	8.177	113	106635	55.650	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.300%			
50) Toluene-d8	10.565	98	389345	51.326	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.660%			
62) 4-Bromofluorobenzene	12.847	95	148165	52.573	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	100332	55.676	ug/l	100
3) Chloromethane	2.395	50	113002	48.561	ug/l	97
4) Vinyl Chloride	2.553	62	143221	59.664	ug/l	100
5) Bromomethane	2.983	94	68685	51.131	ug/l	92
6) Chloroethane	3.153	64	92057	59.370	ug/l	94
7) Trichlorofluoromethane	3.524	101	185326	59.091	ug/l	97
8) Diethyl Ether	3.977	74	79694	58.321	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.400	101	113788	57.748	ug/l	99
10) Methyl Iodide	4.618	142	80867	31.659	ug/l	99
11) Tert butyl alcohol	5.541	59	171497	261.186	ug/l	99
12) 1,1-Dichloroethene	4.365	96	117837	58.577	ug/l	98
13) Acrolein	4.194	56	52266	251.473	ug/l	99
14) Allyl chloride	5.047	41	169252	50.732	ug/l	94
15) Acrylonitrile	5.736	53	413603	269.496	ug/l	99
16) Acetone	4.442	43	314890	245.380	ug/l	98
17) Carbon Disulfide	4.736	76	333594	59.951	ug/l	99
18) Methyl Acetate	5.047	43	165839	44.346	ug/l	98
19) Methyl tert-butyl Ether	5.818	73	409286	56.192	ug/l	100
20) Methylene Chloride	5.300	84	132585	55.186	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	127413	56.928	ug/l	94
22) Diisopropyl ether	6.683	45	374500	53.253	ug/l	98
23) Vinyl Acetate	6.618	43	1542168	259.551	ug/l	97
24) 1,1-Dichloroethane	6.583	63	230943	57.065	ug/l	99
25) 2-Butanone	7.494	43	519481	249.041	ug/l	97
26) 2,2-Dichloropropane	7.500	77	172985	54.949	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	153827	57.469	ug/l	96
28) Bromochloromethane	7.824	49	95053	47.769	ug/l	92
29) Tetrahydrofuran	7.847	42	344998	253.893	ug/l	95
30) Chloroform	7.977	83	228488	56.534	ug/l	97
31) Cyclohexane	8.265	56	200388	51.057	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	193854	56.394	ug/l	99
36) 1,1-Dichloropropene	8.377	75	167705	58.734	ug/l	100
37) Ethyl Acetate	7.571	43	189405	52.109	ug/l	99
38) Carbon Tetrachloride	8.371	117	163068	58.171	ug/l	98
39) Methylcyclohexane	9.606	83	190684	48.745	ug/l	97
40) Benzene	8.612	78	535976	57.404	ug/l	99

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41) Methacrylonitrile	7.782	41	103692	50.796	ug/l		93
42) 1,2-Dichloroethane	8.677	62	158483	55.962	ug/l		100
43) Isopropyl Acetate	8.694	43	291879	50.032	ug/l		96
44) Trichloroethene	9.359	130	215352	97.270	ug/l		98
45) 1,2-Dichloropropane	9.624	63	128642	56.632	ug/l		99
46) Dibromomethane	9.712	93	88375	58.573	ug/l		99
47) Bromodichloromethane	9.888	83	178318	57.442	ug/l		98
48) Methyl methacrylate	9.682	41	136295	50.759	ug/l		94
49) 1,4-Dioxane	9.706	88	57592	1178.993	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.447	43	944616	268.964	ug/l		97
52) Toluene	10.629	92	334253	58.579	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	198096	57.068	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	209243	56.337	ug/l		97
55) 1,1,2-Trichloroethane	11.018	97	126737	57.724	ug/l		99
56) Ethyl methacrylate	10.876	69	209456	59.895	ug/l		93
57) 1,3-Dichloropropane	11.165	76	219270	57.571	ug/l		99
59) 2-Hexanone	11.200	43	632533	279.606	ug/l		93
60) Dibromochloromethane	11.359	129	138037	60.343	ug/l		99
61) 1,2-Dibromoethane	11.470	107	132627	58.934	ug/l		98
64) Tetrachloroethene	11.106	164	104229	57.264	ug/l		95
65) Chlorobenzene	11.894	112	362505	57.149	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	118036	57.889	ug/l		99
67) Ethyl Benzene	11.965	91	607039	55.559	ug/l		99
68) m/p-Xylenes	12.070	106	486047	116.211	ug/l		98
69) o-Xylene	12.394	106	235034	58.675	ug/l		96
70) Styrene	12.412	104	398866	58.190	ug/l		99
71) Bromoform	12.576	173	91748	60.729	ug/l	#	99
73) Isopropylbenzene	12.694	105	574771	54.196	ug/l		99
74) N-amyl acetate	12.512	43	169068	45.621	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.935	83	199250	55.457	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	163580m	47.272	ug/l		
77) Bromobenzene	12.982	156	139561	57.381	ug/l		96
78) n-propylbenzene	13.035	91	675516	52.413	ug/l		99
79) 2-Chlorotoluene	13.123	91	407496	52.721	ug/l		97
80) 1,3,5-Trimethylbenzene	13.170	105	475753	54.335	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.735	75	79351	52.787	ug/l		91
82) 4-Chlorotoluene	13.217	91	419800	53.678	ug/l		98
83) tert-Butylbenzene	13.435	119	407771	50.876	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	480566	54.733	ug/l		100
85) sec-Butylbenzene	13.612	105	576942	49.567	ug/l		100
86) p-Isopropyltoluene	13.729	119	486569	50.571	ug/l		98
87) 1,3-Dichlorobenzene	13.729	146	268884	56.190	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	271234	55.596	ug/l		100
89) n-Butylbenzene	14.053	91	422443	45.329	ug/l		99
90) Hexachloroethane	14.329	117	86124	52.807	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	258146	56.151	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	44690	52.011	ug/l		95
93) 1,2,4-Trichlorobenzene	15.388	180	141709	48.271	ug/l		99
94) Hexachlorobutadiene	15.494	225	42186	38.570	ug/l		98
95) Naphthalene	15.635	128	577711	52.869	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	137332	47.084	ug/l		99

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

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