Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
Data File : VN086672.D
Acq On : 16 May 2025 17:43
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 17 00:15:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:09:38 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	197408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	359594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	54239	19.085	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.160%#		
35) Dibromofluoromethane	8.165	113	41801	23.360	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	46.720%#		
50) Toluene-d8	10.565	98	177303	19.879	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.760%#		
62) 4-Bromofluorobenzene	12.847	95	62323	19.235	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	38.460%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	37640	16.047	ug/l	97
3) Chloromethane	2.359	50	60191	17.604	ug/l	97
4) Vinyl Chloride	2.512	62	56269	17.470	ug/l	98
5) Bromomethane	2.947	94	32779	21.896	ug/l	98
6) Chloroethane	3.118	64	38167	17.756	ug/l	95
7) Trichlorofluoromethane	3.495	101	70950	19.676	ug/l	96
8) Diethyl Ether	3.959	74	29534	18.929	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	42920	19.720	ug/l	99
10) Methyl Iodide	4.589	142	51783	21.291	ug/l	98
11) Tert butyl alcohol	5.512	59	49484	95.074	ug/l	100
12) 1,1-Dichloroethene	4.336	96	44017	18.962	ug/l	97
13) Acrolein	4.177	56	48522	136.813	ug/l	99
14) Allyl chloride	5.024	41	68204	16.792	ug/l	99
15) Acrylonitrile	5.718	53	131858	102.437	ug/l	99
16) Acetone	4.424	43	101424	89.021	ug/l	98
17) Carbon Disulfide	4.712	76	123380	17.760	ug/l	99
18) Methyl Acetate	5.024	43	53481	15.926	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	155717	18.369	ug/l	98
20) Methylene Chloride	5.271	84	53580	20.187	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	48109	19.791	ug/l	99
22) Diisopropyl ether	6.671	45	158492	17.885	ug/l	97
23) Vinyl Acetate	6.600	43	654499	104.479	ug/l	99
24) 1,1-Dichloroethane	6.565	63	90501	19.175	ug/l	99
25) 2-Butanone	7.482	43	163572	92.615	ug/l	100
26) 2,2-Dichloropropane	7.488	77	74939	17.911	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	59558	19.761	ug/l	99
28) Bromochloromethane	7.806	49	39958	19.800	ug/l	100
29) Tetrahydrofuran	7.835	42	110374	93.475	ug/l	99
30) Chloroform	7.965	83	92604	19.916	ug/l	97
31) Cyclohexane	8.253	56	80800	17.665	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	77893	19.565	ug/l	98
36) 1,1-Dichloropropene	8.371	75	64751	19.476	ug/l	100
37) Ethyl Acetate	7.559	43	65633	18.770	ug/l	99
38) Carbon Tetrachloride	8.359	117	66190	20.795	ug/l	99
39) Methylcyclohexane	9.600	83	71304	18.227	ug/l	99
40) Benzene	8.606	78	213460	20.002	ug/l	100

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41) Methacrylonitrile	7.777	41	35706	17.809	ug/l		100
42) 1,2-Dichloroethane	8.665	62	67134	19.757	ug/l		100
43) Isopropyl Acetate	8.688	43	122489	14.669	ug/l		98
44) Trichloroethene	9.347	130	51930	20.468	ug/l		99
45) 1,2-Dichloropropane	9.618	63	52246	20.108	ug/l		98
46) Dibromomethane	9.706	93	35245	21.150	ug/l		99
47) Bromodichloromethane	9.882	83	71409	19.877	ug/l		98
48) Methyl methacrylate	9.676	41	53023	17.506	ug/l		98
49) 1,4-Dioxane	9.694	88	21528	401.824	ug/l		98
51) 4-Methyl-2-Pentanone	10.441	43	343562	96.661	ug/l		99
52) Toluene	10.629	92	137539	20.659	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	76705	19.291	ug/l		97
54) cis-1,3-Dichloropropene	10.312	75	82783	18.925	ug/l		98
55) 1,1,2-Trichloroethane	11.012	97	49729	20.709	ug/l		98
56) Ethyl methacrylate	10.871	69	82716	18.880	ug/l		97
57) 1,3-Dichloropropane	11.159	76	87454	20.572	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	179575	87.281	ug/l		99
59) 2-Hexanone	11.194	43	257013	97.403	ug/l		99
60) Dibromochloromethane	11.359	129	53776	20.466	ug/l		98
61) 1,2-Dibromoethane	11.465	107	50846	20.921	ug/l		98
64) Tetrachloroethene	11.100	164	51785	20.381	ug/l		96
65) Chlorobenzene	11.888	112	150439	20.366	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	48349	19.851	ug/l		99
67) Ethyl Benzene	11.959	91	260721	19.673	ug/l		100
68) m/p-Xylenes	12.065	106	201601	40.507	ug/l		100
69) o-Xylene	12.394	106	100301	20.298	ug/l		97
70) Styrene	12.406	104	166436	20.301	ug/l		99
71) Bromoform	12.576	173	35068	19.141	ug/l	#	97
73) Isopropylbenzene	12.694	105	238751	20.455	ug/l		99
74) N-amyl acetate	12.494	43	100018	17.465	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.935	83	72469	21.374	ug/l		98
76) 1,2,3-Trichloropropane	12.988	75	70466m	20.815	ug/l		
77) Bromobenzene	12.976	156	57601	22.016	ug/l		99
78) n-propylbenzene	13.035	91	274906	20.038	ug/l		100
79) 2-Chlorotoluene	13.123	91	175756	20.369	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	191549	20.048	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	29065	20.670	ug/l		95
82) 4-Chlorotoluene	13.217	91	176501	20.664	ug/l		98
83) tert-Butylbenzene	13.435	119	168468	20.324	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	192028	19.778	ug/l		98
85) sec-Butylbenzene	13.612	105	223581	19.574	ug/l		99
86) p-Isopropyltoluene	13.723	119	183908	19.537	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	99754	20.377	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	100717	20.473	ug/l		99
89) n-Butylbenzene	14.053	91	151273	18.306	ug/l		98
90) Hexachloroethane	14.329	117	30231	19.092	ug/l		99
91) 1,2-Dichlorobenzene	14.100	146	95188	20.058	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11492	17.115	ug/l		97
93) 1,2,4-Trichlorobenzene	15.388	180	41411	18.515	ug/l		98
94) Hexachlorobutadiene	15.494	225	16213	19.071	ug/l		99
95) Naphthalene	15.635	128	139495	17.571	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	38790	18.236	ug/l		98

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

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