Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070125\
Data File : VN087258.D
Acq On : 01 Jul 2025 16:10
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 02 02:02:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:15:00 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	213718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	345283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	181476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	123248	45.949	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.900%			
35) Dibromofluoromethane	8.177	113	102984	46.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.160%			
50) Toluene-d8	10.565	98	401479	46.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.180%			
62) 4-Bromofluorobenzene	12.847	95	143542	46.815	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	107587	51.728	ug/l	97
3) Chloromethane	2.395	50	87204	51.635	ug/l	94
4) Vinyl Chloride	2.553	62	103244	49.724	ug/l	98
5) Bromomethane	2.983	94	84787	44.749	ug/l	96
6) Chloroethane	3.148	64	79332	48.236	ug/l	99
7) Trichlorofluoromethane	3.524	101	175146	48.612	ug/l	94
8) Diethyl Ether	3.977	74	59873	52.073	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.394	101	107404	51.345	ug/l	97
10) Methyl Iodide	4.606	142	106724	51.418	ug/l	98
11) Tert butyl alcohol	5.536	59	124714	255.120	ug/l	99
12) 1,1-Dichloroethene	4.365	96	99758	50.199	ug/l	97
13) Acrolein	4.194	56	87671	258.937	ug/l	97
14) Allyl chloride	5.042	41	117667	48.313	ug/l	97
15) Acrylonitrile	5.736	53	296677	243.776	ug/l	99
16) Acetone	4.442	43	264214	257.649	ug/l	97
17) Carbon Disulfide	4.742	76	283449	47.540	ug/l	99
18) Methyl Acetate	5.042	43	116978	49.829	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	343190	49.275	ug/l	98
20) Methylene Chloride	5.300	84	108699	47.850	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	113984	47.467	ug/l	98
22) Diisopropyl ether	6.683	45	277449	47.580	ug/l	97
23) Vinyl Acetate	6.618	43	1303186	241.650	ug/l	98
24) 1,1-Dichloroethane	6.583	63	184252	48.226	ug/l	96
25) 2-Butanone	7.488	43	389725	243.187	ug/l	98
26) 2,2-Dichloropropane	7.494	77	183988	50.326	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	135337	48.802	ug/l	99
28) Bromochloromethane	7.818	49	74382	44.108	ug/l	98
29) Tetrahydrofuran	7.847	42	249141	241.255	ug/l	100
30) Chloroform	7.971	83	207310	48.955	ug/l	95
31) Cyclohexane	8.265	56	163116	44.653	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	190928	48.413	ug/l	96
36) 1,1-Dichloropropene	8.377	75	146029	48.571	ug/l	98
37) Ethyl Acetate	7.565	43	149306	46.196	ug/l	98
38) Carbon Tetrachloride	8.365	117	169690	49.810	ug/l	99
39) Methylcyclohexane	9.606	83	175688	49.069	ug/l	97
40) Benzene	8.612	78	445607	47.840	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	75109	48.604	ug/l		98
42) 1,2-Dichloroethane	8.671	62	147814	47.719	ug/l		100
43) Isopropyl Acetate	8.694	43	239467	47.777	ug/l		98
44) Trichloroethene	9.353	130	121641	49.147	ug/l		96
45) 1,2-Dichloropropane	9.624	63	100668	49.569	ug/l		99
46) Dibromomethane	9.712	93	84752	49.055	ug/l		99
47) Bromodichloromethane	9.888	83	165929	50.357	ug/l		97
48) Methyl methacrylate	9.682	41	104225	49.338	ug/l		98
49) 1,4-Dioxane	9.700	88	46397	1053.614	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.447	43	759297	247.594	ug/l		99
52) Toluene	10.629	92	303920	49.752	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	173719	49.154	ug/l		94
54) cis-1,3-Dichloropropene	10.312	75	182368	50.646	ug/l		97
55) 1,1,2-Trichloroethane	11.012	97	112022	48.544	ug/l		96
56) Ethyl methacrylate	10.876	69	162936	48.194	ug/l		99
57) 1,3-Dichloropropane	11.165	76	182017	48.328	ug/l		96
58) 2-Chloroethyl Vinyl ether	10.159	63	447290	250.327	ug/l		100
59) 2-Hexanone	11.200	43	502091	228.568	ug/l		98
60) Dibromochloromethane	11.359	129	137776	50.648	ug/l		99
61) 1,2-Dibromoethane	11.470	107	124879	50.309	ug/l		99
64) Tetrachloroethene	11.106	164	104213	48.581	ug/l		99
65) Chlorobenzene	11.888	112	353844	49.014	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	123680	49.616	ug/l		98
67) Ethyl Benzene	11.965	91	585515	50.122	ug/l		98
68) m/p-Xylenes	12.070	106	479689	102.778	ug/l		99
69) o-Xylene	12.394	106	227865	52.192	ug/l		96
70) Styrene	12.412	104	394588	53.181	ug/l		99
71) Bromoform	12.576	173	101306	52.677	ug/l	#	100
73) Isopropylbenzene	12.694	105	577500	49.388	ug/l		99
74) N-amyl acetate	12.512	43	175327m	45.595	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	177373	46.116	ug/l		100
76) 1,2,3-Trichloropropane	12.988	75	151775m	43.970	ug/l		
77) Bromobenzene	12.976	156	153293	50.221	ug/l		98
78) n-propylbenzene	13.035	91	693363	49.089	ug/l		100
79) 2-Chlorotoluene	13.123	91	402635	47.898	ug/l		98
80) 1,3,5-Trimethylbenzene	13.170	105	496454	50.794	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	67648	46.033	ug/l		90
82) 4-Chlorotoluene	13.217	91	422000	47.957	ug/l		100
83) tert-Butylbenzene	13.435	119	431076	50.341	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	503710	51.447	ug/l		99
85) sec-Butylbenzene	13.612	105	604818	49.828	ug/l		99
86) p-Isopropyltoluene	13.729	119	535933	51.367	ug/l		98
87) 1,3-Dichlorobenzene	13.729	146	305685	50.287	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	306766	48.331	ug/l		99
89) n-Butylbenzene	14.053	91	448745	48.850	ug/l		99
90) Hexachloroethane	14.329	117	94333	48.846	ug/l		97
91) 1,2-Dichlorobenzene	14.106	146	274767	48.331	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	42272	45.734	ug/l		97
93) 1,2,4-Trichlorobenzene	15.388	180	161279	47.973	ug/l		99
94) Hexachlorobutadiene	15.494	225	41446	38.809	ug/l		97
95) Naphthalene	15.635	128	563905	48.482	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	156578	47.806	ug/l		98

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

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