Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087928.D
Acq On : 23 Sep 2025 10:56
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 24 04:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	261684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	469572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	448321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	234506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	688147	156.257	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 312.520%#			
35) Dibromofluoromethane	8.147	113	529816	155.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 310.800%#			
50) Toluene-d8	10.547	98	1953189	162.910	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 325.820%#			
62) 4-Bromofluorobenzene	12.829	95	698306	162.944	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 325.880%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	480645	158.601	ug/l	97
3) Chloromethane	2.383	50	472896	152.400	ug/l	99
4) Vinyl Chloride	2.536	62	481283	152.029	ug/l	99
5) Bromomethane	2.942	94	325624	165.915	ug/l	97
6) Chloroethane	3.118	64	319724	155.328	ug/l	96
7) Trichlorofluoromethane	3.500	101	775109	150.380	ug/l	98
8) Diethyl Ether	3.959	74	304158	156.198	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	414564	152.176	ug/l	97
10) Methyl Iodide	4.577	142	465699	189.939	ug/l	97
11) Tert butyl alcohol	5.530	59	507633	800.280	ug/l	99
12) 1,1-Dichloroethene	4.336	96	423177	153.951	ug/l	91
13) Acrolein	4.177	56	683544	839.839	ug/l	95
14) Allyl chloride	5.012	41	726966	162.449	ug/l	96
15) Acrylonitrile	5.706	53	1569579	788.849	ug/l	99
16) Acetone	4.418	43	1277870	700.927	ug/l	98
17) Carbon Disulfide	4.700	76	1312297	152.800	ug/l	98
18) Methyl Acetate	5.012	43	732961	161.634	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	1771056	164.937	ug/l	98
20) Methylene Chloride	5.259	84	534218	145.657	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	513466	152.375	ug/l	96
22) Diisopropyl ether	6.659	45	1726637	165.280	ug/l	97
23) Vinyl Acetate	6.588	43	7327627m	833.068	ug/l	
24) 1,1-Dichloroethane	6.553	63	947100	155.178	ug/l	99
25) 2-Butanone	7.471	43	2176088	785.726	ug/l	98
26) 2,2-Dichloropropane	7.471	77	839353	154.787	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	631177	157.420	ug/l	99
28) Bromochloromethane	7.794	49	447101	134.830	ug/l	100
29) Tetrahydrofuran	7.824	42	1456588	821.368	ug/l	99
30) Chloroform	7.947	83	1030586	154.431	ug/l	100
31) Cyclohexane	8.235	56	746273	151.116	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	889373	157.722	ug/l	97
36) 1,1-Dichloropropene	8.353	75	673022	164.170	ug/l	98
37) Ethyl Acetate	7.547	43	874349	162.416	ug/l	98
38) Carbon Tetrachloride	8.341	117	763232	162.245	ug/l	93
39) Methylcyclohexane	9.576	83	791897	175.104	ug/l	98
40) Benzene	8.588	78	2169328	159.817	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087928.D
Acq On : 23 Sep 2025 10:56
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 24 04:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	460218	165.421	ug/l		97
42) 1,2-Dichloroethane	8.653	62	796063	157.154	ug/l		99
43) Isopropyl Acetate	8.671	43	1418775	167.431	ug/l		99
44) Trichloroethene	9.329	130	517259	159.533	ug/l		96
45) 1,2-Dichloropropane	9.600	63	530435	155.841	ug/l		98
46) Dibromomethane	9.688	93	432679	161.101	ug/l		96
47) Bromodichloromethane	9.865	83	840816	159.615	ug/l		97
48) Methyl methacrylate	9.665	41	674610	171.912	ug/l		96
49) 1,4-Dioxane	9.682	88	190965	3294.105	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.424	43	4326882	818.303	ug/l		100
52) Toluene	10.606	92	1406217	165.088	ug/l		100
53) t-1,3-Dichloropropene	10.818	75	916112	169.924	ug/l		99
54) cis-1,3-Dichloropropene	10.294	75	928185	165.762	ug/l		99
55) 1,1,2-Trichloroethane	10.994	97	540596	156.087	ug/l		98
56) Ethyl methacrylate	10.853	69	907047	181.247	ug/l		98
57) 1,3-Dichloropropane	11.141	76	916449	160.877	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	2200367	935.130	ug/l		98
59) 2-Hexanone	11.176	43	3073538	879.085	ug/l		98
60) Dibromochloromethane	11.335	129	674217	165.568	ug/l		99
61) 1,2-Dibromoethane	11.447	107	590968	161.179	ug/l		100
64) Tetrachloroethene	11.082	164	440710	161.378	ug/l		95
65) Chlorobenzene	11.870	112	1551249	162.594	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.935	131	550130	159.899	ug/l		98
67) Ethyl Benzene	11.941	91	2719603	170.833	ug/l		98
68) m/p-Xylenes	12.047	106	2063388	338.900	ug/l		98
69) o-Xylene	12.376	106	1010983	172.832	ug/l		99
70) Styrene	12.388	104	1764226	175.610	ug/l		99
71) Bromoform	12.559	173	473708	169.708	ug/l	#	99
73) Isopropylbenzene	12.670	105	2569941	176.821	ug/l		100
74) N-amyl acetate	12.482	43	869458	200.832	ug/l	#	71
75) 1,1,2,2-Tetrachloroethane	12.917	83	821974	156.965	ug/l		99
76) 1,2,3-Trichloropropane	12.970	75	748421m	160.891	ug/l		
77) Bromobenzene	12.959	156	644570	166.683	ug/l		97
78) n-propylbenzene	13.012	91	3116141	171.486	ug/l		99
79) 2-Chlorotoluene	13.100	91	1861996	168.288	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	2165785	172.277	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.717	75	314140	188.706	ug/l		97
82) 4-Chlorotoluene	13.200	91	1903146	170.704	ug/l		99
83) tert-Butylbenzene	13.417	119	1845254	173.412	ug/l		96
84) 1,2,4-Trimethylbenzene	13.459	105	2233067	173.177	ug/l		100
85) sec-Butylbenzene	13.594	105	2666471	170.918	ug/l		99
86) p-Isopropyltoluene	13.706	119	2296563	173.808	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	1227647	162.683	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	1227019	158.218	ug/l		98
89) n-Butylbenzene	14.035	91	2137754	171.197	ug/l		99
90) Hexachloroethane	14.306	117	445654	161.465	ug/l		98
91) 1,2-Dichlorobenzene	14.082	146	1177111	161.827	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	201299	165.436	ug/l		96
93) 1,2,4-Trichlorobenzene	15.364	180	773312	180.060	ug/l		97
94) Hexachlorobutadiene	15.470	225	263904	166.949	ug/l		100
95) Naphthalene	15.611	128	2600638	188.641	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	751222	179.922	ug/l		99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087928.D
Acq On : 23 Sep 2025 10:56
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 24 04:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087928.D
Acq On : 23 Sep 2025 10:56
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 24 04:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025