Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086943.D
Acq On : 11 Jun 2025 12:50
Operator : JC\MD
Sample : VN0611WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 12 01:30:36 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 :
VN0611WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	195290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	343742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	119707	45.782	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.560%		
35) Dibromofluoromethane	8.177	113	101053	49.606	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.220%		
50) Toluene-d8	10.571	98	388724	48.203	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.400%		
62) 4-Bromofluorobenzene	12.847	95	145885	48.691	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.380%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	40574	20.837	ug/l	98
3) Chloromethane	2.395	50	44101	17.539	ug/l	99
4) Vinyl Chloride	2.553	62	53467	20.614	ug/l	98
5) Bromomethane	3.000	94	26837	18.489	ug/l	99
6) Chloroethane	3.153	64	34991	20.885	ug/l	100
7) Trichlorofluoromethane	3.524	101	71820	21.193	ug/l	99
8) Diethyl Ether	3.983	74	32145	21.771	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.400	101	45145	21.204	ug/l	99
10) Methyl Iodide	4.618	142	36133	13.092	ug/l	96
11) Tert butyl alcohol	5.536	59	71351	100.568	ug/l	99
12) 1,1-Dichloroethene	4.371	96	46105	21.211	ug/l	95
13) Acrolein	4.200	56	19280	85.851	ug/l	98
14) Allyl chloride	5.047	41	71573	19.855	ug/l	97
15) Acrylonitrile	5.741	53	172947	104.292	ug/l	100
16) Acetone	4.447	43	138908	100.179	ug/l	96
17) Carbon Disulfide	4.742	76	114708	19.078	ug/l	99
18) Methyl Acetate	5.041	43	85236	21.094	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	166548	21.162	ug/l	100
20) Methylene Chloride	5.306	84	52765	20.326	ug/l	94
21) trans-1,2-Dichloroethene	5.812	96	48220	19.939	ug/l	94
22) Diisopropyl ether	6.683	45	159050	20.931	ug/l	95
23) Vinyl Acetate	6.618	43	670270	104.402	ug/l	99
24) 1,1-Dichloroethane	6.583	63	92122	21.066	ug/l	98
25) 2-Butanone	7.494	43	225186	99.910	ug/l	96
26) 2,2-Dichloropropane	7.506	77	79801	23.460	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	60829	21.032	ug/l	99
28) Bromochloromethane	7.824	49	57102	26.558	ug/l	95
29) Tetrahydrofuran	7.847	42	148387	101.064	ug/l	98
30) Chloroform	7.977	83	91459	20.943	ug/l	98
31) Cyclohexane	8.265	56	80573	18.999	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	77687	20.916	ug/l	97
36) 1,1-Dichloropropene	8.377	75	65407	21.548	ug/l	99
37) Ethyl Acetate	7.571	43	83339	21.567	ug/l	100
38) Carbon Tetrachloride	8.371	117	63750	21.392	ug/l	98
39) Methylcyclohexane	9.606	83	77414	18.615	ug/l	99
40) Benzene	8.612	78	212700	21.428	ug/l	99

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Reviewed By :John Carlone 06/12/2025
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	43540	20.063	ug/l		93
42) 1,2-Dichloroethane	8.677	62	65343	21.704	ug/l		99
43) Isopropyl Acetate	8.694	43	132187	21.314	ug/l		99
44) Trichloroethene	9.359	130	52125	22.146	ug/l		96
45) 1,2-Dichloropropane	9.624	63	53109	21.992	ug/l		95
46) Dibromomethane	9.712	93	36082	22.495	ug/l		99
47) Bromodichloromethane	9.888	83	72041	21.829	ug/l		98
48) Methyl methacrylate	9.688	41	58285	20.418	ug/l		97
49) 1,4-Dioxane	9.706	88	24046	463.039	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.447	43	405846	108.699	ug/l		100
52) Toluene	10.629	92	132442	21.833	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	81129	21.985	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	87941	22.272	ug/l		97
55) 1,1,2-Trichloroethane	11.018	97	52562	22.519	ug/l		99
56) Ethyl methacrylate	10.882	69	83111	22.355	ug/l		94
57) 1,3-Dichloropropane	11.165	76	89545	22.115	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	246343	111.094	ug/l		99
59) 2-Hexanone	11.206	43	239996	99.791	ug/l		95
60) Dibromochloromethane	11.359	129	54191	22.283	ug/l		98
61) 1,2-Dibromoethane	11.470	107	52801	22.070	ug/l		99
64) Tetrachloroethene	11.106	164	39226	20.683	ug/l		95
65) Chlorobenzene	11.888	112	145475	22.011	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.959	131	47747	22.474	ug/l		99
67) Ethyl Benzene	11.965	91	243851	21.420	ug/l		100
68) m/p-Xylenes	12.070	106	193828	44.477	ug/l		97
69) o-Xylene	12.400	106	91428	21.905	ug/l		98
70) Styrene	12.412	104	156664	21.935	ug/l		99
71) Bromoform	12.576	173	37369	23.739	ug/l	#	100
73) Isopropylbenzene	12.694	105	226662	21.022	ug/l		98
74) N-amyl acetate	12.529	43	67853	18.009	ug/l	#	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	83730	22.922	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	72955m	20.737	ug/l		
77) Bromobenzene	12.982	156	56172	22.716	ug/l		98
78) n-propylbenzene	13.035	91	273536	20.875	ug/l		100
79) 2-Chlorotoluene	13.123	91	169185	21.530	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	185031	20.785	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.735	75	31212	20.422	ug/l		99
82) 4-Chlorotoluene	13.217	91	172791	21.731	ug/l		99
83) tert-Butylbenzene	13.435	119	169039	20.744	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	188475	21.114	ug/l		100
85) sec-Butylbenzene	13.612	105	234839	19.845	ug/l		99
86) p-Isopropyltoluene	13.729	119	193571	19.788	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	107008	21.995	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	109569	22.090	ug/l		98
89) n-Butylbenzene	14.053	91	182909	19.304	ug/l		99
90) Hexachloroethane	14.335	117	33730	20.342	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	102497	21.929	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18116	20.738	ug/l		93
93) 1,2,4-Trichlorobenzene	15.388	180	60612	20.307	ug/l		98
94) Hexachlorobutadiene	15.500	225	19740	17.752	ug/l		98
95) Naphthalene	15.641	128	239647	21.571	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	58138	19.605	ug/l		99

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

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

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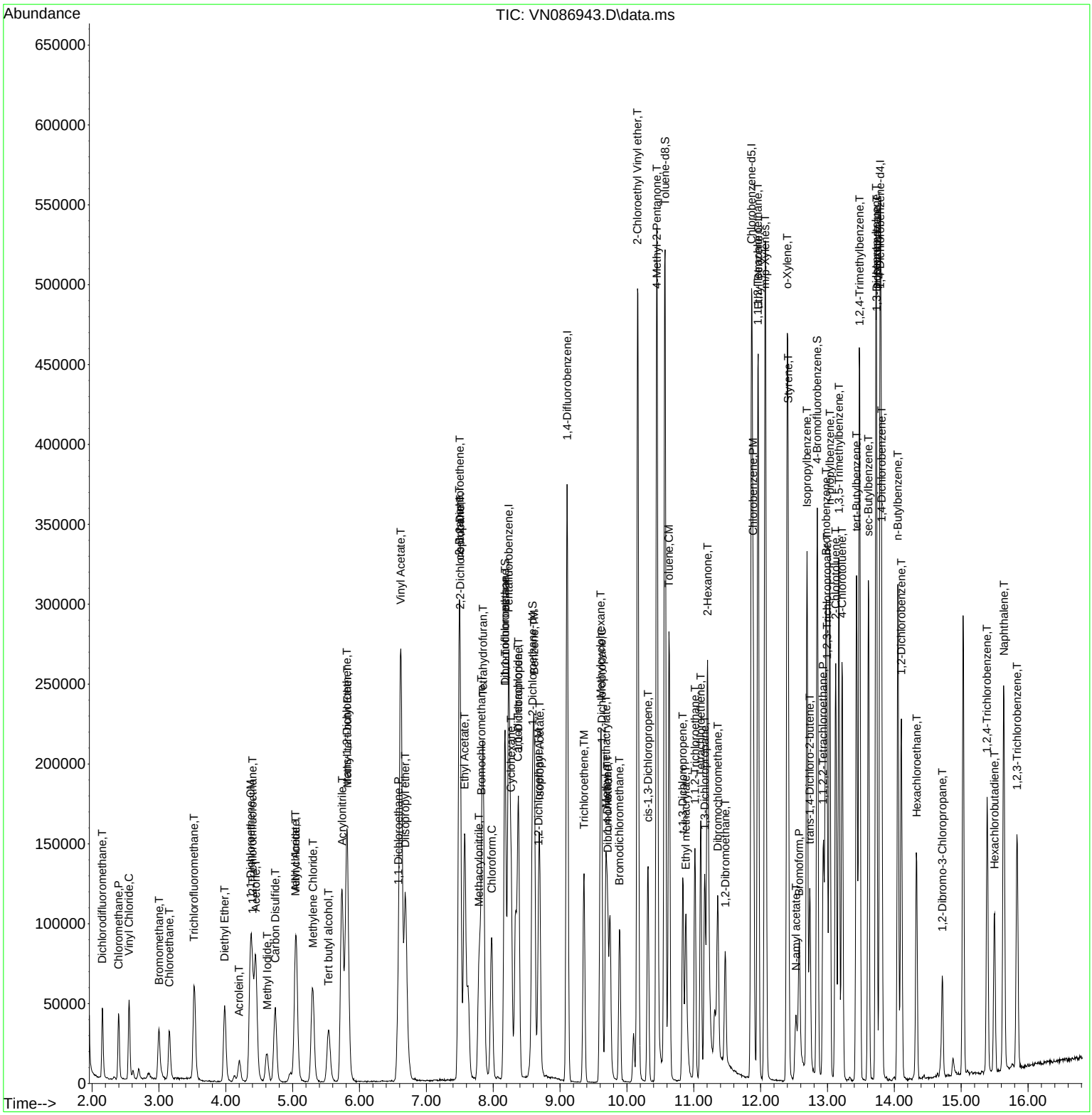
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