Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012125\
Data File : VN085511.D
Acq On : 21 Jan 2025 12:42
Operator : JC\MD
Sample : VN0121WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 22 00:39:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	200559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	335160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	294928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	160583	49.602	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.200%			
35) Dibromofluoromethane	8.159	113	116154	49.955	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.900%			
50) Toluene-d8	10.559	98	428954	51.923	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.840%			
62) 4-Bromofluorobenzene	12.841	95	144693	51.201	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	48826	17.980	ug/l	97
3) Chloromethane	2.359	50	50761	17.265	ug/l	97
4) Vinyl Chloride	2.518	62	51010	17.261	ug/l	100
5) Bromomethane	2.965	94	32090	17.976	ug/l	95
6) Chloroethane	3.124	64	35567	18.983	ug/l	97
7) Trichlorofluoromethane	3.500	101	82423	19.222	ug/l	98
8) Diethyl Ether	3.959	74	25789	17.409	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	45085	18.667	ug/l	99
10) Methyl Iodide	4.589	142	52741	19.069	ug/l	97
11) Tert butyl alcohol	5.512	59	30494	82.259	ug/l #	83
12) 1,1-Dichloroethene	4.347	96	39082	18.157	ug/l	98
13) Acrolein	4.183	56	43701	86.357	ug/l	100
14) Allyl chloride	5.024	41	61677	17.659	ug/l	100
15) Acrylonitrile	5.712	53	104162	88.461	ug/l	100
16) Acetone	4.418	43	87544	83.691	ug/l	100
17) Carbon Disulfide	4.712	76	108465	16.366	ug/l	97
18) Methyl Acetate	5.018	43	58480	18.385	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	133911	19.160	ug/l	98
20) Methylene Chloride	5.271	84	49114	18.966	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	42436	18.448	ug/l	99
22) Diisopropyl ether	6.665	45	153783	19.837	ug/l	98
23) Vinyl Acetate	6.594	43	511745	94.324	ug/l	100
24) 1,1-Dichloroethane	6.565	63	87316	18.471	ug/l	98
25) 2-Butanone	7.477	43	131702	85.557	ug/l	98
26) 2,2-Dichloropropane	7.488	77	78787	20.615	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	49785	18.375	ug/l	98
28) Bromochloromethane	7.812	49	40717	18.514	ug/l	99
29) Tetrahydrofuran	7.830	42	84469	86.550	ug/l	99
30) Chloroform	7.959	83	91186	18.664	ug/l	100
31) Cyclohexane	8.253	56	68243	16.610	ug/l	98
32) 1,1,1-Trichloroethane	8.159	97	81142	18.934	ug/l	95
36) 1,1-Dichloropropene	8.365	75	60034	18.396	ug/l	99
37) Ethyl Acetate	7.553	43	56256	17.079	ug/l	98
38) Carbon Tetrachloride	8.353	117	70415	18.848	ug/l	98
39) Methylcyclohexane	9.594	83	57185	18.648	ug/l	95
40) Benzene	8.600	78	187556	19.128	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	31387	18.315	ug/l		98
42) 1,2-Dichloroethane	8.659	62	72719	19.691	ug/l		98
43) Isopropyl Acetate	8.682	43	97263	18.428	ug/l		100
44) Trichloroethene	9.347	130	44266	19.394	ug/l		87
45) 1,2-Dichloropropane	9.612	63	48141	19.221	ug/l		94
46) Dibromomethane	9.706	93	33038	18.282	ug/l		94
47) Bromodichloromethane	9.882	83	72720	19.751	ug/l		99
48) Methyl methacrylate	9.676	41	43062	18.130	ug/l		99
49) 1,4-Dioxane	9.688	88	12023	300.590	ug/l		94
51) 4-Methyl-2-Pentanone	10.435	43	283667	92.619	ug/l		99
52) Toluene	10.623	92	113811	20.032	ug/l		99
53) t-1,3-Dichloropropene	10.829	75	68816	19.778	ug/l		94
54) cis-1,3-Dichloropropene	10.306	75	73539	19.787	ug/l		96
55) 1,1,2-Trichloroethane	11.012	97	44138	19.631	ug/l		99
56) Ethyl methacrylate	10.870	69	60639	17.323	ug/l		97
57) 1,3-Dichloropropane	11.159	76	76305	19.518	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.153	63	136245	95.489	ug/l		100
59) 2-Hexanone	11.188	43	196710	91.280	ug/l		100
60) Dibromochloromethane	11.353	129	53183	19.592	ug/l		99
61) 1,2-Dibromoethane	11.465	107	41846	18.697	ug/l		100
64) Tetrachloroethene	11.100	164	41539	20.660	ug/l		97
65) Chlorobenzene	11.888	112	124680	19.298	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.953	131	44718	18.858	ug/l		99
67) Ethyl Benzene	11.959	91	203152	19.305	ug/l		100
68) m/p-Xylenes	12.065	106	157501	40.497	ug/l		100
69) o-Xylene	12.394	106	73786	19.852	ug/l		99
70) Styrene	12.406	104	122613	19.933	ug/l		99
71) Bromoform	12.576	173	33286	19.618	ug/l	#	98
73) Isopropylbenzene	12.688	105	186999	19.798	ug/l		100
74) N-amyl acetate	12.488	43	75761	17.845	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.935	83	59757	17.910	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	53274m	18.729	ug/l		
77) Bromobenzene	12.976	156	47071	19.074	ug/l		98
78) n-propylbenzene	13.029	91	222969	19.940	ug/l		100
79) 2-Chlorotoluene	13.117	91	142178	19.646	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	160616	20.586	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.729	75	18342	17.446	ug/l		91
82) 4-Chlorotoluene	13.217	91	145154	20.145	ug/l		98
83) tert-Butylbenzene	13.435	119	128956	19.682	ug/l		98
84) 1,2,4-Trimethylbenzene	13.476	105	160585	20.651	ug/l		99
85) sec-Butylbenzene	13.611	105	184278	20.293	ug/l		100
86) p-Isopropyltoluene	13.723	119	152392	20.128	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	86395	19.010	ug/l		100
88) 1,4-Dichlorobenzene	13.806	146	88286	18.742	ug/l		98
89) n-Butylbenzene	14.053	91	128420	19.713	ug/l		99
90) Hexachloroethane	14.329	117	31297	18.104	ug/l		97
91) 1,2-Dichlorobenzene	14.100	146	82572	18.215	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.711	75	10438	17.132	ug/l		95
93) 1,2,4-Trichlorobenzene	15.388	180	38823	18.427	ug/l		98
94) Hexachlorobutadiene	15.494	225	20742	18.543	ug/l		97
95) Naphthalene	15.635	128	100715	16.019	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	37766	17.715	ug/l		100

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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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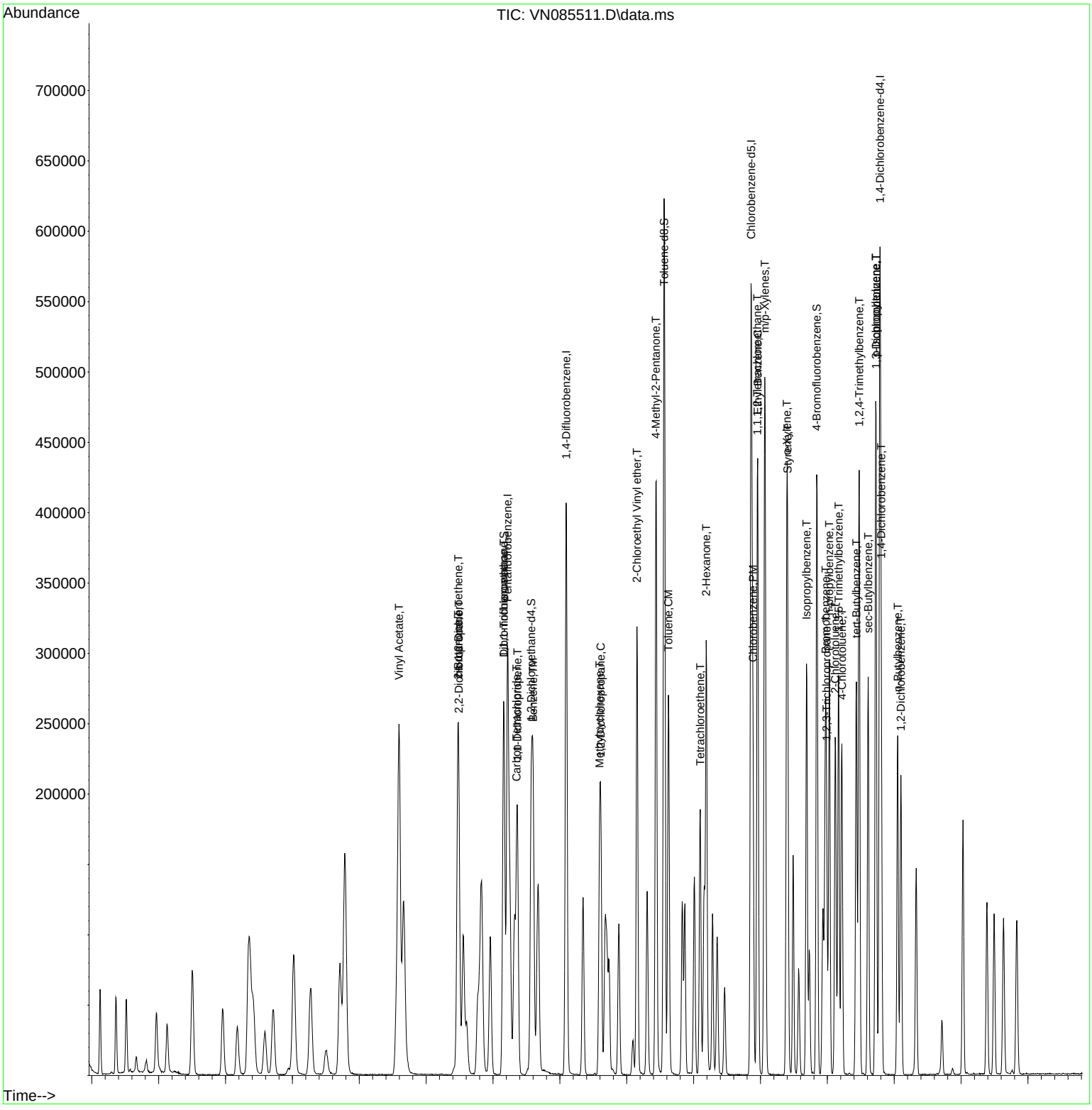
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