Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048256.D
Acq On : 21 Oct 2025 10:33
Operator : JC/MD
Sample : VX1021WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 04:24:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	137604	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.738	114	224103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	203364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	101316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.933	65	89758	46.523	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.040%			
35) Dibromofluoromethane	5.367	113	73394	47.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.940%			
50) Toluene-d8	8.628	98	256689	47.867	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.740%			
62) 4-Bromofluorobenzene	11.061	95	96462	47.283	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.178	85	25428	17.976	ug/l	97
3) Chloromethane	1.300	50	22848	17.304	ug/l	97
4) Vinyl Chloride	1.379	62	20627	16.870	ug/l	94
5) Bromomethane	1.623	94	15738	18.966	ug/l	96
6) Chloroethane	1.696	64	13651	19.000	ug/l	92
7) Trichlorofluoromethane	1.898	101	42048	17.931	ug/l	97
8) Diethyl Ether	2.135	74	12151	18.416	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	26272	17.693	ug/l	94
10) Methyl Iodide	2.452	142	33915	18.168	ug/l	99
11) Tert butyl alcohol	2.934	59	14617	76.307	ug/l	96
12) 1,1-Dichloroethene	2.324	96	25810	17.866	ug/l	96
13) Acrolein	2.233	56	19717	100.924	ug/l	99
14) Allyl chloride	2.666	41	43150	17.990	ug/l	97
15) Acrylonitrile	3.050	53	60796	88.017	ug/l	99
16) Acetone	2.373	43	53983	81.562	ug/l	98
17) Carbon Disulfide	2.513	76	76828	16.874	ug/l	100
18) Methyl Acetate	2.696	43	23399	16.928	ug/l	91
19) Methyl tert-butyl Ether	3.105	73	88912	18.041	ug/l	98
20) Methylene Chloride	2.788	84	29832	18.498	ug/l	89
21) trans-1,2-Dichloroethene	3.086	96	29850	18.810	ug/l	87
22) Diisopropyl ether	3.745	45	93736	19.594	ug/l	88
23) Vinyl Acetate	3.708	43	360854	94.430	ug/l	96
24) 1,1-Dichloroethane	3.605	63	54330	18.782	ug/l	97
25) 2-Butanone	4.537	43	71780	85.682	ug/l	94
26) 2,2-Dichloropropane	4.464	77	46208	17.698	ug/l	100
27) cis-1,2-Dichloroethene	4.476	96	35291	19.056	ug/l	98
28) Bromochloromethane	4.879	49	25497	21.258	ug/l	85
29) Tetrahydrofuran	4.982	42	43202	86.106	ug/l	93
30) Chloroform	5.074	83	58812	19.030	ug/l	100
31) Cyclohexane	5.452	56	44037	18.388	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	52248	18.344	ug/l	97
36) 1,1-Dichloropropene	5.671	75	38187	17.561	ug/l	99
37) Ethyl Acetate	4.696	43	32528	18.047	ug/l	99
38) Carbon Tetrachloride	5.659	117	46209	17.224	ug/l	99
39) Methylcyclohexane	7.360	83	46866	18.249	ug/l	95
40) Benzene	6.025	78	118391	18.752	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.903	41	16538	17.472	ug/l		97
42) 1,2-Dichloroethane	6.068	62	43164	18.528	ug/l		100
43) Isopropyl Acetate	6.318	43	52017	17.569	ug/l		96
44) Trichloroethene	7.110	130	30449	18.265	ug/l		98
45) 1,2-Dichloropropane	7.409	63	29710	19.793	ug/l		99
46) Dibromomethane	7.561	93	21708	18.563	ug/l		94
47) Bromodichloromethane	7.805	83	47421	18.781	ug/l		95
48) Methyl methacrylate	7.677	41	26520	17.751	ug/l		95
49) 1,4-Dioxane	7.640	88	6381	323.294	ug/l	#	86
51) 4-Methyl-2-Pentanone	8.555	43	151895	88.982	ug/l		96
52) Toluene	8.701	92	75829	18.906	ug/l		100
53) t-1,3-Dichloropropene	8.963	75	45008	18.497	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	48675	18.541	ug/l		95
55) 1,1,2-Trichloroethane	9.134	97	28743	19.271	ug/l		97
56) Ethyl methacrylate	9.098	69	39428	18.073	ug/l		94
57) 1,3-Dichloropropane	9.293	76	48237	18.933	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	97758	84.467	ug/l		97
59) 2-Hexanone	9.415	43	104512	87.804	ug/l		98
60) Dibromochloromethane	9.500	129	36743	18.328	ug/l		100
61) 1,2-Dibromoethane	9.591	107	29504	18.555	ug/l		99
64) Tetrachloroethene	9.256	164	26555	17.492	ug/l		97
65) Chlorobenzene	10.061	112	86348	18.875	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	30678	18.258	ug/l		99
67) Ethyl Benzene	10.177	91	142694	18.320	ug/l		97
68) m/p-Xylenes	10.286	106	108512	37.497	ug/l		100
69) o-Xylene	10.622	106	51598	18.468	ug/l		98
70) Styrene	10.640	104	91270	19.185	ug/l		98
71) Bromoform	10.780	173	23785	17.711	ug/l	#	100
73) Isopropylbenzene	10.945	105	136638	18.464	ug/l		100
74) N-amyl acetate	10.829	43	45310	17.261	ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.195	83	37185	18.401	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	32912m	20.032	ug/l		
77) Bromobenzene	11.183	156	34541	18.615	ug/l		94
78) n-propylbenzene	11.286	91	160675	18.753	ug/l		98
79) 2-Chlorotoluene	11.347	91	97491	18.767	ug/l		98
80) 1,3,5-Trimethylbenzene	11.432	105	114521	18.700	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	11571	17.134	ug/l		99
82) 4-Chlorotoluene	11.439	91	115393	18.713	ug/l		97
83) tert-Butylbenzene	11.695	119	117357	18.651	ug/l		95
84) 1,2,4-Trimethylbenzene	11.731	105	114561	18.745	ug/l		99
85) sec-Butylbenzene	11.871	105	139017	18.364	ug/l		100
86) p-Isopropyltoluene	11.993	119	118663	18.135	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	63730	18.219	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	65963	18.203	ug/l		99
89) n-Butylbenzene	12.316	91	106210	17.834	ug/l		98
90) Hexachloroethane	12.518	117	22528	17.435	ug/l		96
91) 1,2-Dichlorobenzene	12.316	146	61124	18.612	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	6932	16.899	ug/l		97
93) 1,2,4-Trichlorobenzene	13.566	180	37218	16.758	ug/l		98
94) Hexachlorobutadiene	13.706	225	14700	17.706	ug/l		98
95) Naphthalene	13.755	128	100059	17.005	ug/l		99
96) 1,2,3-Trichlorobenzene	13.944	180	35212	17.277	ug/l		97

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

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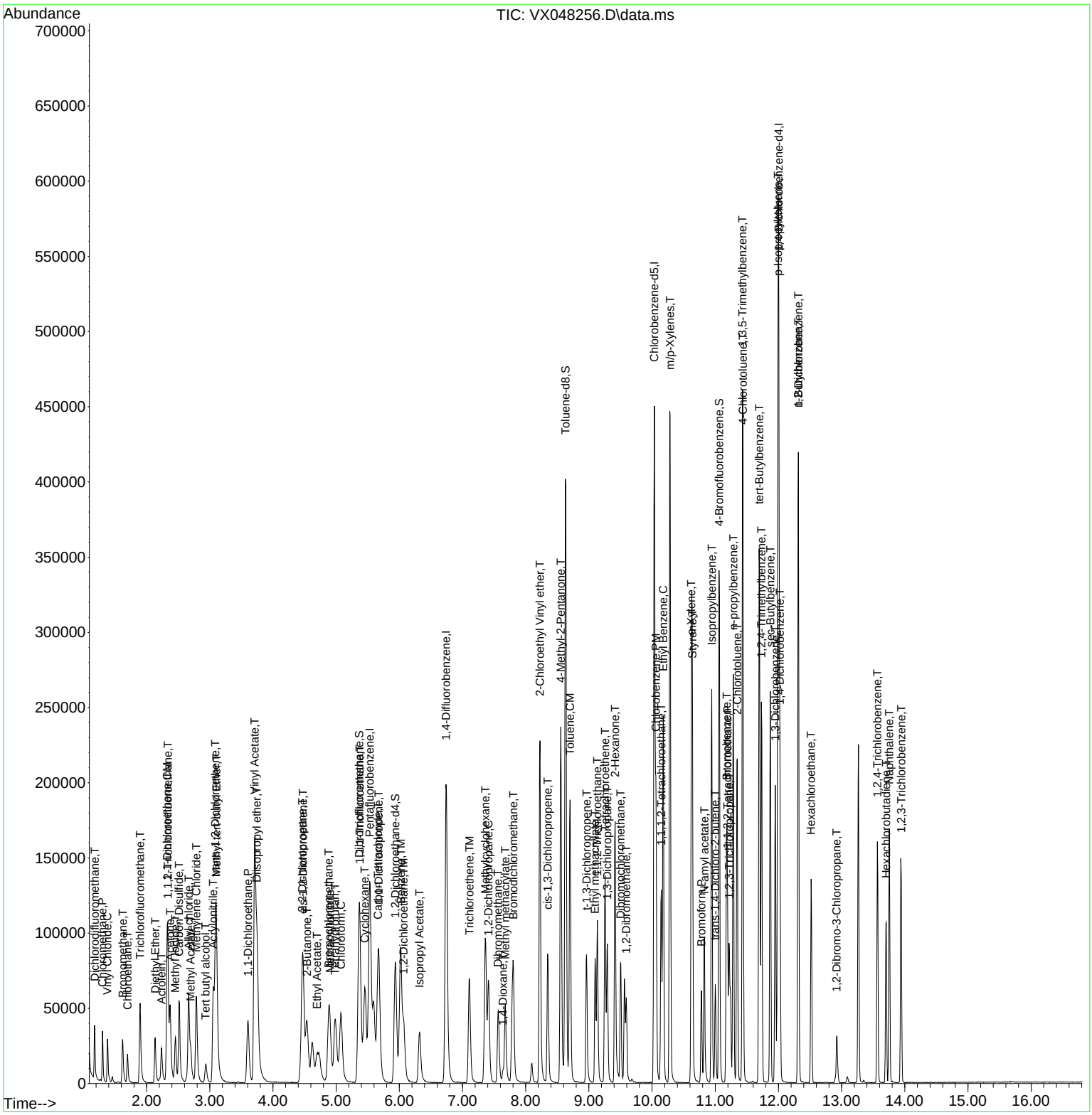
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