Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048412.D
Acq On : 29 Oct 2025 13:03
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:22:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	133860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	221426	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	196412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	93582	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	296654	154.097	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 308.200%#			
35) Dibromofluoromethane	5.373	113	203803	161.437	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 322.880%#			
50) Toluene-d8	8.635	98	889352	159.591	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 319.180%#			
62) 4-Bromofluorobenzene	11.061	95	322251	154.584	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 309.160%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	226734	166.052	ug/l	95
3) Chloromethane	1.300	50	111106	144.222	ug/l	100
4) Vinyl Chloride	1.380	62	288493	162.114	ug/l	100
5) Bromomethane	1.605	94	84416	131.315	ug/l	99
6) Chloroethane	1.691	64	161444	152.548	ug/l	97
7) Trichlorofluoromethane	1.892	101	441827	162.017	ug/l	100
8) Diethyl Ether	2.136	74	153088	155.324	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	251534	163.980	ug/l	97
10) Methyl Iodide	2.459	142	1010524	163.830	ug/l	98
11) Tert butyl alcohol	2.947	59	118407	802.812	ug/l	100
12) 1,1-Dichloroethene	2.325	96	252174	161.849	ug/l	92
13) Acrolein	2.233	56	237424	771.206	ug/l	100
14) Allyl chloride	2.666	41	401170	152.042	ug/l	97
15) Acrylonitrile	3.056	53	523106	779.630	ug/l	100
16) Acetone	2.373	43	351359	805.286	ug/l	99
17) Carbon Disulfide	2.514	76	633259	141.750	ug/l	99
18) Methyl Acetate	2.697	43	251146	172.102	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	766372	153.599	ug/l	99
20) Methylene Chloride	2.788	84	252059	149.866	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	258099	155.957	ug/l	98
22) Diisopropyl ether	3.751	45	832265	154.103	ug/l	87
23) Vinyl Acetate	3.715	43	2484119	675.692	ug/l	98
24) 1,1-Dichloroethane	3.605	63	472207	154.064	ug/l	100
25) 2-Butanone	4.544	43	552156	792.168	ug/l	99
26) 2,2-Dichloropropane	4.471	77	415494	157.443	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	305748	154.799	ug/l	98
28) Bromochloromethane	4.885	49	219437	157.975	ug/l	93
29) Tetrahydrofuran	4.989	42	381074	767.699	ug/l	96
30) Chloroform	5.080	83	473786	150.268	ug/l	98
31) Cyclohexane	5.458	56	426944	160.475	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	435417	156.431	ug/l	99
36) 1,1-Dichloropropene	5.684	75	339315	160.053	ug/l	99
37) Ethyl Acetate	4.696	43	285505	158.070	ug/l	99
38) Carbon Tetrachloride	5.666	117	379794	155.159	ug/l	98
39) Methylcyclohexane	7.366	83	462064	169.485	ug/l	96
40) Benzene	6.025	78	1012290	156.299	ug/l	99

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	143222	157.424	ug/l		95
42) 1,2-Dichloroethane	6.074	62	342371	150.080	ug/l		98
43) Isopropyl Acetate	6.324	43	474716	159.192	ug/l		96
44) Trichloroethene	7.110	130	269776	158.985	ug/l		97
45) 1,2-Dichloropropane	7.415	63	250400	154.807	ug/l		98
46) Dibromomethane	7.568	93	174988	154.540	ug/l		95
47) Bromodichloromethane	7.805	83	365541	151.939	ug/l		97
48) Methyl methacrylate	7.677	41	241987	166.402	ug/l		95
49) 1,4-Dioxane	7.647	88	56913	3443.207	ug/l		90
51) 4-Methyl-2-Pentanone	8.561	43	1289048	776.723	ug/l		96
52) Toluene	8.702	92	634130	156.693	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	327554	150.209	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	335804	142.929	ug/l		94
55) 1,1,2-Trichloroethane	9.134	97	222130	151.673	ug/l		99
56) Ethyl methacrylate	9.104	69	353810	164.986	ug/l		95
57) 1,3-Dichloropropane	9.293	76	382063	150.457	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.232	63	1003535	765.777	ug/l		98
59) 2-Hexanone	9.415	43	873591	808.982	ug/l		97
60) Dibromochloromethane	9.506	129	277503	153.207	ug/l		99
61) 1,2-Dibromoethane	9.592	107	230295	152.001	ug/l		97
64) Tetrachloroethene	9.256	164	241539	152.704	ug/l		96
65) Chlorobenzene	10.061	112	694655	153.517	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	245997	159.824	ug/l		99
67) Ethyl Benzene	10.177	91	1219491	160.063	ug/l		98
68) m/p-Xylenes	10.287	106	915429	317.337	ug/l		97
69) o-Xylene	10.628	106	441800	160.266	ug/l		95
70) Styrene	10.640	104	750150	160.637	ug/l		99
71) Bromoform	10.780	173	178023	159.885	ug/l	#	99
73) Isopropylbenzene	10.945	105	1146983	165.706	ug/l		99
74) N-amyl acetate	10.829	43	420212	170.178	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.195	83	277481	158.267	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	218653m	149.808	ug/l		
77) Bromobenzene	11.183	156	276189	161.530	ug/l		100
78) n-propylbenzene	11.287	91	1358131	166.012	ug/l		98
79) 2-Chlorotoluene	11.347	91	793064	161.461	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	945889	166.707	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	64047	164.688	ug/l	#	81
82) 4-Chlorotoluene	11.439	91	926294	160.417	ug/l		97
83) tert-Butylbenzene	11.695	119	971214	168.135	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	941993	167.674	ug/l		99
85) sec-Butylbenzene	11.872	105	1200340	166.771	ug/l		99
86) p-Isopropyltoluene	11.994	119	1026794	168.747	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	507315	155.362	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	513410	154.371	ug/l		99
89) n-Butylbenzene	12.317	91	967683	169.383	ug/l		99
90) Hexachloroethane	12.518	117	187919	175.757	ug/l		96
91) 1,2-Dichlorobenzene	12.317	146	480520	158.798	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	58903	171.570	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	346016	165.713	ug/l		99
94) Hexachlorobutadiene	13.707	225	144920	165.459	ug/l		98
95) Naphthalene	13.756	128	916442	173.781	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	320819	169.151	ug/l		98

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Quant Title : SW846 8260
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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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