

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047765.D
 Acq On : 24 Sep 2025 10:07
 Operator : JC/MD
 Sample : Q3127-14MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT119S1-20250916MS

Quant Time: Sep 25 01:21:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2025
 Supervised By : Mahesh Dadoda 09/26/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	132434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	244123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	224797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	111355	52.825	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.640%			
35) Dibromofluoromethane	5.373	113	86820	53.029	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.060%			
50) Toluene-d8	8.635	98	298006	52.604	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.200%			
62) 4-Bromofluorobenzene	11.061	95	112820	52.474	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	83620	60.975	ug/l	99
3) Chloromethane	1.301	50	108193	60.028	ug/l	99
4) Vinyl Chloride	1.380	62	105172	59.611	ug/l	98
5) Bromomethane	1.618	94	64709	57.839	ug/l	97
6) Chloroethane	1.691	64	67713	57.423	ug/l	99
7) Trichlorofluoromethane	1.892	101	143796	54.891	ug/l	99
8) Diethyl Ether	2.136	74	62755	58.561	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	83106	54.254	ug/l	98
10) Methyl Iodide	2.453	142	129682	54.284	ug/l	99
11) Tert butyl alcohol	2.947	59	68267	290.774	ug/l	100
12) 1,1-Dichloroethene	2.325	96	87419	55.559	ug/l	95
13) Acrolein	2.233	56	63969	295.673	ug/l	99
14) Allyl chloride	2.666	41	163476	50.349	ug/l	96
15) Acrylonitrile	3.056	53	281925	324.190	ug/l	99
16) Acetone	2.374	43	226899	247.552	ug/l	99
17) Carbon Disulfide	2.514	76	244564	56.777	ug/l	99
18) Methyl Acetate	2.697	43	103277	50.630	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	328092	57.121	ug/l	99
20) Methylene Chloride	2.788	84	110818	57.119	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	97169	57.360	ug/l	94
22) Diisopropyl ether	3.751	45	359811	57.181	ug/l	98
23) Vinyl Acetate	3.715	43	1158990	230.132	ug/l	100
24) 1,1-Dichloroethane	3.605	63	190620	56.994	ug/l	98
25) 2-Butanone	4.544	43	341290	298.511	ug/l	96
26) 2,2-Dichloropropane	4.465	77	72784	26.180	ug/l	93
27) cis-1,2-Dichloroethene	4.477	96	119274	57.492	ug/l	93
28) Bromochloromethane	4.885	49	83183	56.970	ug/l	100
29) Tetrahydrofuran	4.989	42	218165	317.198	ug/l	99
30) Chloroform	5.087	83	194486	57.545	ug/l	98
31) Cyclohexane	5.458	56	145086	52.085	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	155954	54.401	ug/l	99
36) 1,1-Dichloropropene	5.684	75	122537	51.220	ug/l	98
37) Ethyl Acetate	4.702	43	122005	47.629	ug/l	99
38) Carbon Tetrachloride	5.666	117	131872	50.733	ug/l	96
39) Methylcyclohexane	7.367	83	130421	48.026	ug/l	97
40) Benzene	6.025	78	400785	55.157	ug/l	99

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41) Methacrylonitrile	4.910	41	78510	59.369	ug/l	99
42) 1,2-Dichloroethane	6.074	62	148333	53.652	ug/l	98
43) Isopropyl Acetate	6.324	43	207463	49.383	ug/l	98
44) Trichloroethene	7.111	130	98813	56.249	ug/l	96
45) 1,2-Dichloropropane	7.415	63	103281	55.509	ug/l	97
46) Dibromomethane	7.568	93	76131	56.228	ug/l	97
47) Bromodichloromethane	7.806	83	154593	55.331	ug/l	99
48) Methyl methacrylate	7.678	41	119077	56.904	ug/l	98
49) 1,4-Dioxane	7.647	88	30696	1451.481	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	720542	309.342	ug/l	100
52) Toluene	8.702	92	244916	54.709	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	138917	48.744	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	147157	48.310	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	98541	57.086	ug/l	99
56) Ethyl methacrylate	9.104	69	158485	58.461	ug/l	95
57) 1,3-Dichloropropane	9.293	76	169035	57.004	ug/l	99
59) 2-Hexanone	9.415	43	502452	300.350	ug/l	99
60) Dibromochloromethane	9.507	129	113645	57.138	ug/l	99
61) 1,2-Dibromoethane	9.592	107	102612	58.361	ug/l	100
64) Tetrachloroethene	9.263	164	74275	50.684	ug/l	96
65) Chlorobenzene	10.061	112	270630	52.992	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	93249	52.914	ug/l	98
67) Ethyl Benzene	10.177	91	457970	51.973	ug/l	99
68) m/p-Xylenes	10.287	106	343365	104.692	ug/l	99
69) o-Xylene	10.628	106	169322	53.375	ug/l	97
70) Styrene	10.640	104	296831	53.401	ug/l	99
71) Bromoform	10.781	173	73822	56.101	ug/l #	98
73) Isopropylbenzene	10.945	105	418068	48.908	ug/l	99
74) N-amyl acetate	10.829	43	163516	41.948	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	141232	54.609	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	110010m	48.325	ug/l	
77) Bromobenzene	11.183	156	107498	51.060	ug/l	97
78) n-propylbenzene	11.287	91	495538	49.039	ug/l	100
79) 2-Chlorotoluene	11.348	91	308044	49.772	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	345474	49.192	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	35383	39.637	ug/l	99
82) 4-Chlorotoluene	11.439	91	358530	49.049	ug/l	99
83) tert-Butylbenzene	11.695	119	346620	48.213	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	355500	49.928	ug/l	99
85) sec-Butylbenzene	11.872	105	408014	47.780	ug/l	99
86) p-Isopropyltoluene	11.994	119	344324	47.627	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	195824	50.077	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	195869	48.803	ug/l	100
89) n-Butylbenzene	12.317	91	310266	46.381	ug/l	99
90) Hexachloroethane	12.518	117	61999	48.846	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	190526	51.141	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	28133	53.729	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	118230	48.830	ug/l	99
94) Hexachlorobutadiene	13.707	225	35210	42.812	ug/l	99
95) Naphthalene	13.756	128	387850	52.605	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	113674	50.470	ug/l	99

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

