

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047977.D
 Acq On : 02 Oct 2025 18:16
 Operator : JC/MD
 Sample : Q3194-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01S-20250922MS

Quant Time: Oct 03 03:35:18 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 10/03/2025
 Supervised By : Mahesh Dadoda 10/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	129417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	245583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	230987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	117758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	116220	56.418	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.840%			
35) Dibromofluoromethane	5.373	113	88013	53.438	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.880%			
50) Toluene-d8	8.634	98	292364	51.301	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.600%			
62) 4-Bromofluorobenzene	11.067	95	114141	52.773	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.540%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.178	85	64692	48.273	ug/l	94
3) Chloromethane	1.300	50	83509	47.413	ug/l	98
4) Vinyl Chloride	1.380	62	84700	49.126	ug/l	99
5) Bromomethane	1.617	94	54847	50.167	ug/l	93
6) Chloroethane	1.697	64	56463	48.999	ug/l	98
7) Trichlorofluoromethane	1.898	101	127999	50.000	ug/l	98
8) Diethyl Ether	2.136	74	54319	51.871	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	71446	47.730	ug/l	99
10) Methyl Iodide	2.459	142	96270	41.237	ug/l	98
11) Tert butyl alcohol	2.940	59	47812	208.396	ug/l	100
12) 1,1-Dichloroethene	2.325	96	74943	48.740	ug/l	95
13) Acrolein	2.239	56	48776	230.704	ug/l	99
14) Allyl chloride	2.666	41	136520	43.027	ug/l	98
15) Acrylonitrile	3.056	53	225426	265.264	ug/l	99
16) Acetone	2.373	43	180258	201.250	ug/l	98
17) Carbon Disulfide	2.520	76	190547	45.268	ug/l	99
18) Methyl Acetate	2.703	43	83542	41.910	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	285733	50.906	ug/l	99
20) Methylene Chloride	2.788	84	95942	50.604	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	82621	49.909	ug/l	100
22) Diisopropyl ether	3.757	45	319292	51.924	ug/l	90
23) Vinyl Acetate	3.715	43	928149	188.592	ug/l	100
24) 1,1-Dichloroethane	3.605	63	171458	52.460	ug/l	98
25) 2-Butanone	4.544	43	266885	238.874	ug/l	99
26) 2,2-Dichloropropane	4.471	77	60053	22.104	ug/l	92
27) cis-1,2-Dichloroethene	4.483	96	104214	51.404	ug/l	92
28) Bromochloromethane	4.885	49	76588	53.676	ug/l	99
29) Tetrahydrofuran	4.995	42	167512	249.230	ug/l	100
30) Chloroform	5.080	83	176251	53.365	ug/l	97
31) Cyclohexane	5.458	56	117353	43.111	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	142515	50.872	ug/l	99
36) 1,1-Dichloropropene	5.684	75	104950	43.608	ug/l	98
37) Ethyl Acetate	4.702	43	90232	35.016	ug/l	99
38) Carbon Tetrachloride	5.672	117	118138	45.179	ug/l	98
39) Methylcyclohexane	7.372	83	105154	38.491	ug/l	96
40) Benzene	6.025	78	348527	47.680	ug/l	99

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41) Methacrylonitrile	4.910	41	64738	48.664	ug/l	98
42) 1,2-Dichloroethane	6.074	62	135738	48.805	ug/l	100
43) Isopropyl Acetate	6.324	43	164422	38.905	ug/l	100
44) Trichloroethene	7.110	130	81532	46.136	ug/l	99
45) 1,2-Dichloropropane	7.415	63	91638	48.959	ug/l	97
46) Dibromomethane	7.568	93	66032	48.479	ug/l	98
47) Bromodichloromethane	7.805	83	140465	49.975	ug/l	96
48) Methyl methacrylate	7.677	41	97120	46.135	ug/l	98
49) 1,4-Dioxane	7.647	88	20870	980.985	ug/l #	91
51) 4-Methyl-2-Pentanone	8.561	43	578488	246.879	ug/l	99
52) Toluene	8.702	92	215815	47.922	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	120845	42.151	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	128312	41.873	ug/l	98
55) 1,1,2-Trichloroethane	9.140	97	87769	50.543	ug/l	99
56) Ethyl methacrylate	9.104	69	131120	48.079	ug/l	97
57) 1,3-Dichloropropane	9.293	76	151056	50.638	ug/l	99
59) 2-Hexanone	9.415	43	391182	232.446	ug/l	99
60) Dibromochloromethane	9.506	129	102605	51.280	ug/l	99
61) 1,2-Dibromoethane	9.592	107	88285	49.914	ug/l	99
64) Tetrachloroethene	9.262	164	61129	40.596	ug/l	98
65) Chlorobenzene	10.061	112	238576	45.464	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	85253	47.080	ug/l	98
67) Ethyl Benzene	10.177	91	401116	44.301	ug/l	99
68) m/p-Xylenes	10.287	106	297637	88.317	ug/l	100
69) o-Xylene	10.628	106	147605	45.282	ug/l	98
70) Styrene	10.640	104	259241	45.389	ug/l	99
71) Bromoform	10.780	173	63703	47.114	ug/l #	98
73) Isopropylbenzene	10.945	105	372061	41.559	ug/l	99
74) N-amyl acetate	10.829	43	127968	31.345	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	121976	45.032	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	102325m	42.917	ug/l	
77) Bromobenzene	11.183	156	93843	42.559	ug/l	98
78) n-propylbenzene	11.286	91	432665	40.882	ug/l	99
79) 2-Chlorotoluene	11.347	91	269024	41.503	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	301176	40.946	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	27718	29.647	ug/l	97
82) 4-Chlorotoluene	11.439	91	314433	41.072	ug/l	98
83) tert-Butylbenzene	11.701	119	311084	41.315	ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	309703	41.531	ug/l	99
85) sec-Butylbenzene	11.872	105	360668	40.327	ug/l	99
86) p-Isopropyltoluene	11.994	119	299986	39.619	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	168649	41.178	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	174103	41.419	ug/l	100
89) n-Butylbenzene	12.317	91	265470	37.891	ug/l	99
90) Hexachloroethane	12.518	117	56867	42.778	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	166406	42.648	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	23026	41.988	ug/l	98
93) 1,2,4-Trichlorobenzene	13.566	180	97036	38.265	ug/l	98
94) Hexachlorobutadiene	13.707	225	29648	34.420	ug/l	99
95) Naphthalene	13.755	128	313621	40.614	ug/l	100
96) 1,2,3-Trichlorobenzene	13.944	180	95204	40.359	ug/l	99

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

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