

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048799.D
 Acq On : 10 Dec 2025 10:58
 Operator : JC/MD
 Sample : VX1210WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
 Supervised By :Semsettin Yesilyurt 12/11/2025

Quant Time: Dec 11 00:19:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	153473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	261026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	236663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	113079	54.896	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.800%			
35) Dibromofluoromethane	5.367	113	91472	50.895	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.800%			
50) Toluene-d8	8.629	98	309867	49.185	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.380%			
62) 4-Bromofluorobenzene	11.061	95	116717	53.726	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	32364	20.697	ug/l	98
3) Chloromethane	1.301	50	35090	17.783	ug/l	100
4) Vinyl Chloride	1.380	62	35160	16.731	ug/l	96
5) Bromomethane	1.618	94	26138	20.126	ug/l	100
6) Chloroethane	1.697	64	21108	16.139	ug/l	97
7) Trichlorofluoromethane	1.898	101	50890	16.896	ug/l	99
8) Diethyl Ether	2.130	74	21221	17.652	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	29535	16.915	ug/l	98
10) Methyl Iodide	2.453	142	42780	17.210	ug/l	99
11) Tert butyl alcohol	2.928	59	33819	101.690	ug/l	99
12) 1,1-Dichloroethene	2.325	96	30092	16.885	ug/l	94
13) Acrolein	2.233	56	29078	116.183	ug/l	98
14) Allyl chloride	2.666	41	57512	19.222	ug/l	98
15) Acrylonitrile	3.050	53	104393	100.740	ug/l	97
16) Acetone	2.368	43	72041	91.357	ug/l	97
17) Carbon Disulfide	2.514	76	87274	16.863	ug/l	98
18) Methyl Acetate	2.697	43	46593	21.000	ug/l	99
19) Methyl tert-butyl Ether	3.099	73	112920	19.469	ug/l	99
20) Methylene Chloride	2.788	84	37424	18.987	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	32641	17.945	ug/l	94
22) Diisopropyl ether	3.745	45	116904	20.906	ug/l	95
23) Vinyl Acetate	3.709	43	503903	107.244	ug/l	97
24) 1,1-Dichloroethane	3.605	63	61629	19.763	ug/l	97
25) 2-Butanone	4.532	43	129063	110.893	ug/l	90
26) 2,2-Dichloropropane	4.459	77	50830	18.422	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	40384	19.675	ug/l	98
28) Bromochloromethane	4.879	49	28414	18.590	ug/l	88
29) Tetrahydrofuran	4.977	42	96129	108.169	ug/l	89
30) Chloroform	5.074	83	65330	19.552	ug/l	97
31) Cyclohexane	5.458	56	48299	17.348	ug/l	94
32) 1,1,1-Trichloroethane	5.361	97	54533	18.215	ug/l	96
36) 1,1-Dichloropropene	5.672	75	42128	17.114	ug/l	98
37) Ethyl Acetate	4.690	43	64281	21.854	ug/l	97
38) Carbon Tetrachloride	5.660	117	48751	17.484	ug/l	93
39) Methylcyclohexane	7.361	83	46361	15.927	ug/l	99
40) Benzene	6.019	78	135431	18.559	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.898	41	28007	20.927	ug/l	94
42) 1,2-Dichloroethane	6.062	62	48849	18.913	ug/l	97
43) Isopropyl Acetate	6.312	43	87088	19.553	ug/l	97
44) Trichloroethene	7.104	130	34053	17.884	ug/l	99
45) 1,2-Dichloropropane	7.409	63	34778	19.068	ug/l	99
46) Dibromomethane	7.562	93	25955	18.765	ug/l	98
47) Bromodichloromethane	7.806	83	51991	18.029	ug/l	99
48) Methyl methacrylate	7.671	41	42389	18.920	ug/l	97
49) 1,4-Dioxane	7.641	88	10942	355.103	ug/l	97
51) 4-Methyl-2-Pentanone	8.549	43	286166	103.513	ug/l	97
52) Toluene	8.702	92	81590	18.542	ug/l	97
53) t-1,3-Dichloropropene	8.958	75	53349	19.446	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	56368	19.118	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	34363	19.408	ug/l	97
56) Ethyl methacrylate	9.098	69	55208	19.921	ug/l	98
57) 1,3-Dichloropropane	9.293	76	57952	19.684	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	134999	90.129	ug/l	98
59) 2-Hexanone	9.409	43	205981	106.140	ug/l	99
60) Dibromochloromethane	9.500	129	41742	19.066	ug/l	99
61) 1,2-Dibromoethane	9.592	107	36893	19.253	ug/l	99
64) Tetrachloroethene	9.257	164	28110	16.295	ug/l	97
65) Chlorobenzene	10.061	112	92589	17.873	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.147	131	32798	17.701	ug/l	98
67) Ethyl Benzene	10.177	91	153845	18.200	ug/l	98
68) m/p-Xylenes	10.281	106	117680	35.739	ug/l	99
69) o-Xylene	10.622	106	56724	18.384	ug/l	100
70) Styrene	10.634	104	100712	19.013	ug/l	97
71) Bromoform	10.781	173	29323	17.727	ug/l #	100
73) Isopropylbenzene	10.945	105	144763	17.376	ug/l	100
74) N-amyl acetate	10.823	43	70709	19.533	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	51287	18.245	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	40646m	17.652	ug/l	
77) Bromobenzene	11.177	156	38570	17.345	ug/l	97
78) n-propylbenzene	11.287	91	169660	17.583	ug/l	99
79) 2-Chlorotoluene	11.348	91	103446	17.581	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	119587	17.463	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	17237	17.782	ug/l	97
82) 4-Chlorotoluene	11.433	91	123216	17.945	ug/l	100
83) tert-Butylbenzene	11.695	119	118741	16.688	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	120936	17.507	ug/l	100
85) sec-Butylbenzene	11.872	105	143834	16.679	ug/l	98
86) p-Isopropyltoluene	11.988	119	123532	16.759	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	70441	17.184	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	72494	17.113	ug/l	99
89) n-Butylbenzene	12.317	91	113458	16.439	ug/l	99
90) Hexachloroethane	12.518	117	23343	15.516	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	66812	16.811	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.927	75	11419	16.691	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	41866	15.950	ug/l	98
94) Hexachlorobutadiene	13.707	225	16507	15.204	ug/l	96
95) Naphthalene	13.756	128	138162	20.107	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	40058	16.549	ug/l	98

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

