

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048800.D
 Acq On : 10 Dec 2025 11:26
 Operator : JC/MD
 Sample : VX1210WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 00:20:24 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	5.531	168	163180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	269695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	240962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	115016	52.515	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.020%			
35) Dibromofluoromethane	5.367	113	94355	50.812	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.620%			
50) Toluene-d8	8.628	98	325398	49.990	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.980%			
62) 4-Bromofluorobenzene	11.061	95	118071	52.603	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	38736	23.298	ug/l	97
3) Chloromethane	1.300	50	38562	18.380	ug/l	98
4) Vinyl Chloride	1.380	62	40194	17.988	ug/l	97
5) Bromomethane	1.617	94	28651	20.749	ug/l	100
6) Chloroethane	1.697	64	24617	17.702	ug/l	95
7) Trichlorofluoromethane	1.898	101	60529	18.901	ug/l	100
8) Diethyl Ether	2.130	74	23964	18.748	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	36314	19.560	ug/l	99
10) Methyl Iodide	2.453	142	49763	18.828	ug/l	99
11) Tert butyl alcohol	2.934	59	38270	108.229	ug/l	98
12) 1,1-Dichloroethene	2.325	96	34990	18.466	ug/l	99
13) Acrolein	2.233	56	32794	120.797	ug/l	99
14) Allyl chloride	2.660	41	65088	20.460	ug/l	100
15) Acrylonitrile	3.050	53	122915	111.557	ug/l	98
16) Acetone	2.367	43	84037	100.230	ug/l	95
17) Carbon Disulfide	2.514	76	98821	17.959	ug/l	97
18) Methyl Acetate	2.697	43	54690	23.183	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	130486	21.160	ug/l	98
20) Methylene Chloride	2.788	84	42127	20.102	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	36494	18.870	ug/l	95
22) Diisopropyl ether	3.745	45	131793	22.166	ug/l	98
23) Vinyl Acetate	3.709	43	569493	113.994	ug/l	97
24) 1,1-Dichloroethane	3.599	63	70506	21.265	ug/l	100
25) 2-Butanone	4.532	43	146333	118.253	ug/l	97
26) 2,2-Dichloropropane	4.458	77	57525	19.608	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	44724	20.494	ug/l	93
28) Bromochloromethane	4.879	49	29766	18.317	ug/l	87
29) Tetrahydrofuran	4.971	42	104924	111.043	ug/l	94
30) Chloroform	5.074	83	72988	20.545	ug/l	100
31) Cyclohexane	5.452	56	58201	19.661	ug/l	95
32) 1,1,1-Trichloroethane	5.367	97	62864	19.749	ug/l	97
36) 1,1-Dichloropropene	5.672	75	46308	18.207	ug/l	99
37) Ethyl Acetate	4.690	43	71333	23.472	ug/l	97
38) Carbon Tetrachloride	5.659	117	55057	19.111	ug/l	96
39) Methylcyclohexane	7.366	83	56375	18.745	ug/l	95
40) Benzene	6.019	78	151282	20.065	ug/l	99

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41) Methacrylonitrile	4.897	41	31065	22.466	ug/l	97
42) 1,2-Dichloroethane	6.068	62	53719	20.130	ug/l	98
43) Isopropyl Acetate	6.312	43	97884	21.271	ug/l	98
44) Trichloroethene	7.104	130	38498	19.569	ug/l	95
45) 1,2-Dichloropropane	7.409	63	38315	20.332	ug/l	97
46) Dibromomethane	7.561	93	28887	20.214	ug/l	99
47) Bromodichloromethane	7.799	83	58353	19.585	ug/l	98
48) Methyl methacrylate	7.671	41	48548	20.972	ug/l	97
49) 1,4-Dioxane	7.641	88	13408	421.146	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	322088	112.762	ug/l	98
52) Toluene	8.702	92	93062	20.469	ug/l	97
53) t-1,3-Dichloropropene	8.958	75	60108	21.205	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	62945	20.663	ug/l	97
55) 1,1,2-Trichloroethane	9.134	97	39061	21.353	ug/l	98
56) Ethyl methacrylate	9.098	69	61880	21.611	ug/l	99
57) 1,3-Dichloropropane	9.287	76	64872	21.327	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	158577	102.467	ug/l	99
59) 2-Hexanone	9.409	43	233364	116.385	ug/l	99
60) Dibromochloromethane	9.500	129	46513	20.562	ug/l	98
61) 1,2-Dibromoethane	9.592	107	41605	21.014	ug/l	99
64) Tetrachloroethene	9.256	164	32918	18.742	ug/l	95
65) Chlorobenzene	10.061	112	104077	19.732	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	36531	19.364	ug/l	98
67) Ethyl Benzene	10.177	91	174606	20.287	ug/l	99
68) m/p-Xylenes	10.281	106	135369	40.377	ug/l	97
69) o-Xylene	10.622	106	64179	20.429	ug/l	100
70) Styrene	10.634	104	113246	20.998	ug/l	98
71) Bromoform	10.780	173	34023	20.201	ug/l #	98
73) Isopropylbenzene	10.945	105	167463	20.596	ug/l	100
74) N-amyl acetate	10.823	43	81085	22.952	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	57271	20.875	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	46735m	20.796	ug/l	
77) Bromobenzene	11.177	156	42809	19.726	ug/l	99
78) n-propylbenzene	11.286	91	196613	20.878	ug/l	99
79) 2-Chlorotoluene	11.347	91	117046	20.383	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	138177	20.675	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	19431	20.539	ug/l #	79
82) 4-Chlorotoluene	11.433	91	138619	20.686	ug/l	98
83) tert-Butylbenzene	11.695	119	140941	20.295	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	140726	20.874	ug/l	100
85) sec-Butylbenzene	11.872	105	173030	20.559	ug/l	100
86) p-Isopropyltoluene	11.988	119	148077	20.583	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	79894	19.970	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	81597	19.737	ug/l	98
89) n-Butylbenzene	12.311	91	133913	19.881	ug/l	100
90) Hexachloroethane	12.518	117	26128	17.795	ug/l	93
91) 1,2-Dichlorobenzene	12.317	146	77196	19.903	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	13621	20.400	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	49321	19.253	ug/l	98
94) Hexachlorobutadiene	13.707	225	19627	18.523	ug/l	97
95) Naphthalene	13.756	128	162973	24.244	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	45883	19.422	ug/l	98

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

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