

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120525\
 Data File : VX048726.D
 Acq On : 05 Dec 2025 11:31
 Operator : JC/MD
 Sample : VX1205WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS01

Quant Time: Dec 05 21:59:38 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2025
 Supervised By : Semsettin Yesilyurt 12/08/2025

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

Internal Standards						
1) Pentafluorobenzene	5.525	168	179194	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	293931	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	269397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	125979	52.380	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.760%			
35) Dibromofluoromethane	5.361	113	97103	47.980	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.960%			
50) Toluene-d8	8.629	98	352069	49.628	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.260%			
62) 4-Bromofluorobenzene	11.061	95	128406	52.490	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	41863	22.929	ug/l	96
3) Chloromethane	1.301	50	44995	19.530	ug/l	97
4) Vinyl Chloride	1.380	62	39598	16.138	ug/l	97
5) Bromomethane	1.618	94	28574	18.844	ug/l	97
6) Chloroethane	1.697	64	24297	15.910	ug/l	92
7) Trichlorofluoromethane	1.898	101	68676	19.528	ug/l	97
8) Diethyl Ether	2.130	74	23437	16.697	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	43147	21.164	ug/l	99
10) Methyl Iodide	2.453	142	61205	21.087	ug/l	99
11) Tert butyl alcohol	2.928	59	35673	91.869	ug/l	100
12) 1,1-Dichloroethene	2.325	96	40443	19.436	ug/l	99
13) Acrolein	2.233	56	31115	109.833	ug/l	100
14) Allyl chloride	2.660	41	71931	20.590	ug/l	94
15) Acrylonitrile	3.050	53	110416	91.258	ug/l	99
16) Acetone	2.367	43	87721	95.274	ug/l	97
17) Carbon Disulfide	2.514	76	125337	20.742	ug/l	100
18) Methyl Acetate	2.697	43	47862	18.476	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	128879	19.031	ug/l	97
20) Methylene Chloride	2.782	84	41148	17.880	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	40211	18.934	ug/l	93
22) Diisopropyl ether	3.739	45	131789	20.185	ug/l #	80
23) Vinyl Acetate	3.709	43	567718	103.483	ug/l	97
24) 1,1-Dichloroethane	3.599	63	73078	20.071	ug/l	100
25) 2-Butanone	4.526	43	144944	106.663	ug/l	91
26) 2,2-Dichloropropane	4.459	77	65233	20.249	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	45731	19.082	ug/l	92
28) Bromochloromethane	4.879	49	32271	18.083	ug/l	94
29) Tetrahydrofuran	4.977	42	104631	100.837	ug/l	95
30) Chloroform	5.068	83	77868	19.960	ug/l	99
31) Cyclohexane	5.452	56	62885	19.345	ug/l	95
32) 1,1,1-Trichloroethane	5.361	97	69932	20.006	ug/l	96
36) 1,1-Dichloropropene	5.672	75	57482	20.737	ug/l	100
37) Ethyl Acetate	4.684	43	65510	19.779	ug/l	99
38) Carbon Tetrachloride	5.653	117	65362	20.817	ug/l	94
39) Methylcyclohexane	7.360	83	62448	19.052	ug/l	97
40) Benzene	6.019	78	153807	18.718	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	29896	19.838	ug/l	97
42) 1,2-Dichloroethane	6.068	62	58414	20.085	ug/l	95
43) Isopropyl Acetate	6.312	43	97581	19.456	ug/l	95
44) Trichloroethene	7.104	130	40756	19.009	ug/l	98
45) 1,2-Dichloropropane	7.409	63	37372	18.196	ug/l	99
46) Dibromomethane	7.562	93	29281	18.800	ug/l	99
47) Bromodichloromethane	7.805	83	61760	19.019	ug/l	99
48) Methyl methacrylate	7.671	41	46528	18.442	ug/l	94
49) 1,4-Dioxane	7.641	88	11029	317.857	ug/l	96
51) 4-Methyl-2-Pentanone	8.549	43	315106	101.221	ug/l	96
52) Toluene	8.702	92	98680	19.915	ug/l	100
53) t-1,3-Dichloropropene	8.958	75	61457	19.894	ug/l	97
54) cis-1,3-Dichloropropene	8.348	75	63144	19.019	ug/l	91
55) 1,1,2-Trichloroethane	9.134	97	37998	19.059	ug/l	98
56) Ethyl methacrylate	9.098	69	60402	19.356	ug/l #	94
57) 1,3-Dichloropropane	9.293	76	68113	20.546	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	144206	85.498	ug/l	99
59) 2-Hexanone	9.409	43	255149	116.758	ug/l	98
60) Dibromochloromethane	9.500	129	54125	21.955	ug/l	98
61) 1,2-Dibromoethane	9.592	107	47896	22.197	ug/l	100
64) Tetrachloroethene	9.256	164	34511	17.575	ug/l	97
65) Chlorobenzene	10.061	112	109860	18.630	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.147	131	37880	17.960	ug/l	99
67) Ethyl Benzene	10.177	91	190737	19.822	ug/l	97
68) m/p-Xylenes	10.281	106	154292	41.164	ug/l	100
69) o-Xylene	10.622	106	74050	21.083	ug/l	100
70) Styrene	10.634	104	126101	20.914	ug/l	99
71) Bromoform	10.781	173	34490	18.317	ug/l #	99
73) Isopropylbenzene	10.945	105	189027	21.092	ug/l	99
74) N-amyl acetate	10.823	43	88194	22.648	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	58063	19.201	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	56826m	22.941	ug/l	
77) Bromobenzene	11.177	156	43921	18.361	ug/l	99
78) n-propylbenzene	11.287	91	218146	21.016	ug/l	100
79) 2-Chlorotoluene	11.348	91	129011	20.383	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	150128	20.379	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	20029	19.207	ug/l	94
82) 4-Chlorotoluene	11.433	91	153143	20.734	ug/l	99
83) tert-Butylbenzene	11.695	119	149901	19.584	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	152255	20.489	ug/l	100
85) sec-Butylbenzene	11.872	105	189342	20.411	ug/l	99
86) p-Isopropyltoluene	11.988	119	158652	20.008	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	84489	19.160	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	84209	18.479	ug/l	97
89) n-Butylbenzene	12.311	91	147367	19.849	ug/l	100
90) Hexachloroethane	12.518	117	30361	18.760	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	78982	18.475	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	13457	18.285	ug/l	91
93) 1,2,4-Trichlorobenzene	13.567	180	48161	17.057	ug/l	99
94) Hexachlorobutadiene	13.707	225	21240	18.186	ug/l	95
95) Naphthalene	13.756	128	154818	20.946	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	45023	17.290	ug/l	97

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

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