

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120325\
 Data File : VX048710.D
 Acq On : 03 Dec 2025 16:49
 Operator : JC/MD
 Sample : VX1203WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Quant Time: Dec 04 02:32:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 02:13:49 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2025
 Supervised By : Semsettin Yesilyurt 12/04/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	194984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	321674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	279596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	141039	53.575	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.140%			
35) Dibromofluoromethane	5.373	113	114472	52.210	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.420%			
50) Toluene-d8	8.634	98	407601	54.212	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.420%			
62) 4-Bromofluorobenzene	11.061	95	143778	52.107	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	49821	22.168	ug/l	97
3) Chloromethane	1.300	50	42631	19.461	ug/l	99
4) Vinyl Chloride	1.380	62	46649	19.436	ug/l	96
5) Bromomethane	1.617	94	32723	20.520	ug/l	97
6) Chloroethane	1.697	64	28850	20.299	ug/l	97
7) Trichlorofluoromethane	1.898	101	69617	19.962	ug/l	95
8) Diethyl Ether	2.136	74	23109	18.609	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	43217	20.794	ug/l	99
10) Methyl Iodide	2.459	142	58428	19.514	ug/l	98
11) Tert butyl alcohol	2.934	59	40717	102.262	ug/l	97
12) 1,1-Dichloroethene	2.325	96	43432	21.020	ug/l	98
13) Acrolein	2.233	56	26785	124.396	ug/l	99
14) Allyl chloride	2.666	41	74380	19.023	ug/l	96
15) Acrylonitrile	3.056	53	127010	100.352	ug/l	97
16) Acetone	2.373	43	99584	115.745	ug/l	99
17) Carbon Disulfide	2.520	76	124938	19.851	ug/l	99
18) Methyl Acetate	2.697	43	58260	20.444	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	143708	20.411	ug/l	99
20) Methylene Chloride	2.788	84	46338	19.295	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	44978	21.092	ug/l	95
22) Diisopropyl ether	3.751	45	145498	20.779	ug/l	92
23) Vinyl Acetate	3.715	43	618962	101.690	ug/l	98
24) 1,1-Dichloroethane	3.605	63	81164	20.355	ug/l	98
25) 2-Butanone	4.544	43	164181	109.583	ug/l	99
26) 2,2-Dichloropropane	4.464	77	68451	18.609	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	51657	19.323	ug/l	99
28) Bromochloromethane	4.891	49	40830	21.327	ug/l	95
29) Tetrahydrofuran	4.983	42	113823	99.753	ug/l	97
30) Chloroform	5.080	83	84628	20.035	ug/l	88
31) Cyclohexane	5.458	56	71221	20.966	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	76578	20.163	ug/l	98
36) 1,1-Dichloropropene	5.684	75	58359	19.699	ug/l	100
37) Ethyl Acetate	4.696	43	76227	20.267	ug/l	99
38) Carbon Tetrachloride	5.665	117	69197	20.326	ug/l	98
39) Methylcyclohexane	7.366	83	71665	20.783	ug/l	92
40) Benzene	6.025	78	174430	20.032	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	34516	20.275	ug/l	95
42) 1,2-Dichloroethane	6.080	62	64690	20.689	ug/l	98
43) Isopropyl Acetate	6.324	43	107683	20.388	ug/l	96
44) Trichloroethene	7.110	130	48066	20.968	ug/l	93
45) 1,2-Dichloropropane	7.415	63	42958	20.185	ug/l	99
46) Dibromomethane	7.568	93	32889	20.087	ug/l	99
47) Bromodichloromethane	7.805	83	68895	20.524	ug/l	96
48) Methyl methacrylate	7.677	41	49878	19.766	ug/l	99
49) 1,4-Dioxane	7.641	88	14792	478.266	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	355367	106.747	ug/l	95
52) Toluene	8.702	92	111071	20.784	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	65992	19.749	ug/l	97
54) cis-1,3-Dichloropropene	8.354	75	71820	20.265	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	43617	20.587	ug/l	98
56) Ethyl methacrylate	9.104	69	68615	20.211	ug/l #	90
57) 1,3-Dichloropropane	9.293	76	73397	20.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	173250	99.493	ug/l	96
59) 2-Hexanone	9.415	43	261341	109.409	ug/l	94
60) Dibromochloromethane	9.506	129	53014	20.062	ug/l	97
61) 1,2-Dibromoethane	9.592	107	46645	19.913	ug/l	100
64) Tetrachloroethene	9.256	164	38651	20.130	ug/l	94
65) Chlorobenzene	10.061	112	121395	20.495	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.146	131	42218	20.488	ug/l	99
67) Ethyl Benzene	10.177	91	208346	21.412	ug/l	100
68) m/p-Xylenes	10.287	106	160840	42.911	ug/l	100
69) o-Xylene	10.622	106	74946	20.754	ug/l	94
70) Styrene	10.640	104	129276	21.300	ug/l	98
71) Bromoform	10.780	173	37323	19.885	ug/l #	98
73) Isopropylbenzene	10.945	105	201105	21.514	ug/l	99
74) N-amyl acetate	10.823	43	87265	20.679	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	63989	19.994	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	57928m	20.614	ug/l	
77) Bromobenzene	11.183	156	49973	19.837	ug/l	95
78) n-propylbenzene	11.286	91	235386	21.505	ug/l	99
79) 2-Chlorotoluene	11.347	91	140175	21.071	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	162140	21.206	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	20877	19.107	ug/l #	94
82) 4-Chlorotoluene	11.439	91	165449	21.383	ug/l	97
83) tert-Butylbenzene	11.695	119	163864	20.662	ug/l	97
84) 1,2,4-Trimethylbenzene	11.731	105	164194	21.558	ug/l	98
85) sec-Butylbenzene	11.872	105	204042	21.254	ug/l	99
86) p-Isopropyltoluene	11.994	119	173793	21.914	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	92384	20.150	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	94909	20.281	ug/l	97
89) n-Butylbenzene	12.311	91	157458	21.079	ug/l	99
90) Hexachloroethane	12.518	117	32129	20.125	ug/l	91
91) 1,2-Dichlorobenzene	12.317	146	86565	20.276	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	15438	21.224	ug/l	87
93) 1,2,4-Trichlorobenzene	13.567	180	55657	20.477	ug/l	99
94) Hexachlorobutadiene	13.707	225	23808	21.037	ug/l	99
95) Naphthalene	13.756	128	178495	21.515	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	53271	21.232	ug/l	98

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

