

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
 Data File : VX048626.D
 Acq On : 20 Nov 2025 11:04
 Operator : JC/MD
 Sample : VX1120WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Quant Time: Nov 21 00:30:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	155446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	289262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	268755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116936	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	118472	54.696	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.400%	
35) Dibromofluoromethane	5.367	113	92930	42.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 84.900%	
50) Toluene-d8	8.628	98	365632	53.548	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.100%	
62) 4-Bromofluorobenzene	11.061	95	120415	47.321	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.640%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	26645	21.154	ug/l	98
3) Chloromethane	1.300	50	37624	22.521	ug/l	98
4) Vinyl Chloride	1.380	62	43282	22.882	ug/l	98
5) Bromomethane	1.617	94	30222	25.303	ug/l	99
6) Chloroethane	1.697	64	27053	21.839	ug/l	95
7) Trichlorofluoromethane	1.898	101	64939	21.701	ug/l	99
8) Diethyl Ether	2.130	74	25905	21.566	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	42397	24.473	ug/l	99
10) Methyl Iodide	2.453	142	51331	20.021	ug/l	96
11) Tert butyl alcohol	2.928	59	40506	98.690	ug/l	98
12) 1,1-Dichloroethene	2.325	96	40292	22.266	ug/l	96
13) Acrolein	2.233	56	5436	91.539	ug/l	92
14) Allyl chloride	2.666	41	67692	20.092	ug/l	93
15) Acrylonitrile	3.050	53	126939	105.945	ug/l	99
16) Acetone	2.367	43	105543	102.939	ug/l	98
17) Carbon Disulfide	2.514	76	87544	17.192	ug/l	98
18) Methyl Acetate	2.697	43	56892	20.191	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	140022	21.912	ug/l	98
20) Methylene Chloride	2.782	84	42259	20.048	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	38386	20.015	ug/l	99
22) Diisopropyl ether	3.745	45	143334	22.156	ug/l	96
23) Vinyl Acetate	3.709	43	606419	107.029	ug/l	97
24) 1,1-Dichloroethane	3.605	63	75412	21.244	ug/l	98
25) 2-Butanone	4.532	43	161855	106.712	ug/l	95
26) 2,2-Dichloropropane	4.458	77	66592	22.005	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	48063	20.502	ug/l	95
28) Bromochloromethane	4.885	49	35035	20.091	ug/l	96
29) Tetrahydrofuran	4.977	42	108636	100.424	ug/l	98
30) Chloroform	5.074	83	81100	22.130	ug/l	97
31) Cyclohexane	5.452	56	57057	19.617	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	71771	22.441	ug/l	98
36) 1,1-Dichloropropene	5.672	75	51595	17.600	ug/l	97
37) Ethyl Acetate	4.690	43	69293	16.792	ug/l	97
38) Carbon Tetrachloride	5.659	117	62330	18.678	ug/l	96
39) Methylcyclohexane	7.360	83	67594	20.535	ug/l	98
40) Benzene	6.019	78	171351	18.856	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	35488	19.555	ug/l	94
42) 1,2-Dichloroethane	6.068	62	65179	20.934	ug/l	100
43) Isopropyl Acetate	6.312	43	115109	19.844	ug/l	98
44) Trichloroethene	7.104	130	45688	21.034	ug/l	90
45) 1,2-Dichloropropane	7.409	63	47846	22.899	ug/l	100
46) Dibromomethane	7.562	93	35064	23.008	ug/l	96
47) Bromodichloromethane	7.805	83	72867	23.967	ug/l	97
48) Methyl methacrylate	7.671	41	56963	22.090	ug/l	98
49) 1,4-Dioxane	7.635	88	14148	360.071	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	383378	116.105	ug/l	99
52) Toluene	8.702	92	117593	24.579	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	71818	22.925	ug/l	97
54) cis-1,3-Dichloropropene	8.348	75	77634	23.933	ug/l	97
55) 1,1,2-Trichloroethane	9.134	97	48717	25.487	ug/l	98
56) Ethyl methacrylate	9.098	69	75175	23.638	ug/l	99
57) 1,3-Dichloropropane	9.293	76	80792	24.283	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.220	63	155374	90.874	ug/l	99
59) 2-Hexanone	9.409	43	284505	115.831	ug/l	100
60) Dibromochloromethane	9.500	129	58368	24.870	ug/l	98
61) 1,2-Dibromoethane	9.592	107	50771	24.523	ug/l	100
64) Tetrachloroethene	9.256	164	41575	21.298	ug/l	95
65) Chlorobenzene	10.061	112	133554	20.937	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	46962	21.972	ug/l	99
67) Ethyl Benzene	10.177	91	222047	20.729	ug/l	100
68) m/p-Xylenes	10.281	106	171784	42.581	ug/l	99
69) o-Xylene	10.622	106	79939	20.252	ug/l	100
70) Styrene	10.634	104	136475	20.612	ug/l	99
71) Bromoform	10.780	173	39510	20.037	ug/l #	99
73) Isopropylbenzene	10.945	105	198875	23.430	ug/l	99
74) N-amyl acetate	10.823	43	95157	22.327	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	59548	19.894	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	53070m	18.838	ug/l	
77) Bromobenzene	11.177	156	45587	20.799	ug/l	99
78) n-propylbenzene	11.287	91	204129	20.453	ug/l	100
79) 2-Chlorotoluene	11.347	91	129697	21.505	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	150724	21.782	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.000	75	21673	22.005	ug/l #	86
82) 4-Chlorotoluene	11.439	91	152552	21.564	ug/l	100
83) tert-Butylbenzene	11.695	119	152430	21.298	ug/l	96
84) 1,2,4-Trimethylbenzene	11.732	105	151043	21.634	ug/l	100
85) sec-Butylbenzene	11.872	105	190031	21.483	ug/l	100
86) p-Isopropyltoluene	11.988	119	159383	21.432	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	86389	21.030	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	88350	20.822	ug/l	98
89) n-Butylbenzene	12.311	91	150630	21.592	ug/l	99
90) Hexachloroethane	12.518	117	30150	21.279	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	86143	21.844	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.926	75	14503	20.849	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	53998	20.606	ug/l	98
94) Hexachlorobutadiene	13.707	225	21668	19.780	ug/l	98
95) Naphthalene	13.756	128	175781	20.863	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	50516	20.725	ug/l	99

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

