

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
 Data File : VX048630.D
 Acq On : 20 Nov 2025 12:26
 Operator : JC/MD
 Sample : VX1120WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBSD01

Quant Time: Nov 21 00:30:51 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	5.544	168	148065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	231664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	231942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109343	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	114802	55.644	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.280%	
35) Dibromofluoromethane	5.373	113	93819	53.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.020%	
50) Toluene-d8	8.635	98	291401	53.287	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.580%	
62) 4-Bromofluorobenzene	11.061	95	110835	54.386	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	21574	17.982	ug/l	98
3) Chloromethane	1.301	50	29669	18.644	ug/l	94
4) Vinyl Chloride	1.380	62	35700	19.814	ug/l	99
5) Bromomethane	1.618	94	24429	21.473	ug/l	94
6) Chloroethane	1.697	64	21583	18.292	ug/l	96
7) Trichlorofluoromethane	1.898	101	54349	19.067	ug/l	98
8) Diethyl Ether	2.136	74	23032	20.130	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.337	101	35273	21.376	ug/l	98
10) Methyl Iodide	2.459	142	44360	18.165	ug/l	98
11) Tert butyl alcohol	2.934	59	39333	100.610	ug/l	100
12) 1,1-Dichloroethene	2.325	96	32230	18.699	ug/l	99
13) Acrolein	2.239	56	6620	117.034	ug/l	97
14) Allyl chloride	2.666	41	57515	17.922	ug/l	93
15) Acrylonitrile	3.056	53	117796	103.216	ug/l	98
16) Acetone	2.374	43	109812	112.442	ug/l	99
17) Carbon Disulfide	2.520	76	72031	14.851	ug/l	100
18) Methyl Acetate	2.697	43	55729	20.765	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	125678	20.648	ug/l	99
20) Methylene Chloride	2.788	84	37104	18.480	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	32604	17.847	ug/l	94
22) Diisopropyl ether	3.751	45	128777	20.898	ug/l	92
23) Vinyl Acetate	3.715	43	553587	102.575	ug/l	97
24) 1,1-Dichloroethane	3.605	63	64144	18.971	ug/l	99
25) 2-Butanone	4.544	43	156767	108.510	ug/l	96
26) 2,2-Dichloropropane	4.465	77	56967	19.763	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	41736	18.691	ug/l	97
28) Bromochloromethane	4.885	49	30223	18.195	ug/l	95
29) Tetrahydrofuran	4.989	42	105803	102.681	ug/l	98
30) Chloroform	5.080	83	75339	21.583	ug/l	95
31) Cyclohexane	5.464	56	54135	19.540	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	63400	20.812	ug/l	99
36) 1,1-Dichloropropene	5.678	75	44385	18.905	ug/l	99
37) Ethyl Acetate	4.696	43	70092	21.208	ug/l	97
38) Carbon Tetrachloride	5.666	117	55112	20.621	ug/l	97
39) Methylcyclohexane	7.367	83	48546	18.415	ug/l	98
40) Benzene	6.025	78	147479	20.264	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
 Data File : VX048630.D
 Acq On : 20 Nov 2025 12:26
 Operator : JC/MD
 Sample : VX1120WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBSD01

Quant Time: Nov 21 00:30:51 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)
41) Methacrylonitrile	4.904	41	32290	22.217	ug/l	93
42) 1,2-Dichloroethane	6.074	62	57321	22.987	ug/l	98
43) Isopropyl Acetate	6.324	43	106068	22.831	ug/l	98
44) Trichloroethene	7.117	130	34277	19.704	ug/l	96
45) 1,2-Dichloropropane	7.415	63	36720	21.943	ug/l	97
46) Dibromomethane	7.568	93	28089	23.014	ug/l	95
47) Bromodichloromethane	7.806	83	58400	23.985	ug/l	98
48) Methyl methacrylate	7.677	41	47748	23.120	ug/l	95
49) 1,4-Dioxane	7.641	88	10980	348.922	ug/l	93
51) 4-Methyl-2-Pentanone	8.555	43	333163	125.984	ug/l	96
52) Toluene	8.702	92	86866	22.671	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	56737	22.614	ug/l	97
54) cis-1,3-Dichloropropene	8.354	75	61021	23.489	ug/l	95
55) 1,1,2-Trichloroethane	9.135	97	43152	28.188	ug/l	94
56) Ethyl methacrylate	9.104	69	65984	25.907	ug/l	97
57) 1,3-Dichloropropane	9.293	76	69153	25.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	146897	107.277	ug/l	100
59) 2-Hexanone	9.415	43	261172	132.768	ug/l	98
60) Dibromochloromethane	9.506	129	51162	27.220	ug/l	99
61) 1,2-Dibromoethane	9.592	107	44335	26.739	ug/l	98
64) Tetrachloroethene	9.256	164	32250	19.143	ug/l	94
65) Chlorobenzene	10.061	112	108200	19.654	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	38067	20.637	ug/l	97
67) Ethyl Benzene	10.177	91	178818	19.343	ug/l	100
68) m/p-Xylenes	10.287	106	133103	38.229	ug/l	98
69) o-Xylene	10.628	106	61248	17.980	ug/l	97
70) Styrene	10.640	104	105425	18.449	ug/l	98
71) Bromoform	10.781	173	32084	18.853	ug/l #	100
73) Isopropylbenzene	10.945	105	159211	20.060	ug/l	98
74) N-amyl acetate	10.823	43	82880	20.797	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	58965	21.067	ug/l	100
76) 1,2,3-Trichloropropane	11.226	75	53613m	20.352	ug/l	
77) Bromobenzene	11.183	156	41259	20.132	ug/l	98
78) n-propylbenzene	11.287	91	184202	19.738	ug/l	100
79) 2-Chlorotoluene	11.348	91	111188	19.717	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	130775	20.212	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	18128	19.684	ug/l	89
82) 4-Chlorotoluene	11.439	91	133735	20.217	ug/l	100
83) tert-Butylbenzene	11.695	119	133614	19.966	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	132785	20.340	ug/l	99
85) sec-Butylbenzene	11.872	105	165801	20.046	ug/l	98
86) p-Isopropyltoluene	11.994	119	140242	20.168	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	76638	19.952	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	77213	19.461	ug/l	98
89) n-Butylbenzene	12.317	91	128142	19.644	ug/l	99
90) Hexachloroethane	12.518	117	26281	19.837	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	74213	20.126	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.927	75	13745	21.132	ug/l	92
93) 1,2,4-Trichlorobenzene	13.567	180	46293	18.892	ug/l	98
94) Hexachlorobutadiene	13.707	225	18979	18.528	ug/l	100
95) Naphthalene	13.756	128	158486	20.117	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	44767	19.641	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048630.D
Acq On : 20 Nov 2025 12:26
Operator : JC/MD
Sample : VX1120WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

Quant Time: Nov 21 00:30:51 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)
----------	------	------	----------	------	-------	----------

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

