

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048746.D
 Acq On : 08 Dec 2025 12:12
 Operator : JC/MD
 Sample : VX1208WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1208WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/09/2025
 Supervised By : Mahesh Dadoda 12/09/2025

Quant Time: Dec 09 04:07:42 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	203469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	331596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	298936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	125252	45.864	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.720%		
35) Dibromofluoromethane	5.360	113	108772	47.641	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.280%		
50) Toluene-d8	8.628	98	385543	48.174	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.340%		
62) 4-Bromofluorobenzene	11.061	95	140063	50.752	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.500%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	41292	19.918	ug/l	98
3) Chloromethane	1.300	50	41490	15.860	ug/l	98
4) Vinyl Chloride	1.379	62	44082	15.822	ug/l	100
5) Bromomethane	1.617	94	31950	18.557	ug/l	99
6) Chloroethane	1.696	64	27853	16.063	ug/l	92
7) Trichlorofluoromethane	1.898	101	68549	17.167	ug/l	97
8) Diethyl Ether	2.129	74	26060	16.351	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	39090	16.886	ug/l	99
10) Methyl Iodide	2.459	142	53263	16.162	ug/l	99
11) Tert butyl alcohol	2.934	59	37352	84.716	ug/l	98
12) 1,1-Dichloroethene	2.324	96	38831	16.435	ug/l	94
13) Acrolein	2.233	56	39156	117.377	ug/l	100
14) Allyl chloride	2.666	41	71730	18.083	ug/l	98
15) Acrylonitrile	3.050	53	121817	88.669	ug/l	98
16) Acetone	2.367	43	97151	92.927	ug/l	93
17) Carbon Disulfide	2.513	76	110969	16.173	ug/l	100
18) Methyl Acetate	2.690	43	55558	18.888	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	136476	17.749	ug/l	100
20) Methylene Chloride	2.788	84	44218	16.921	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	40026	16.598	ug/l	92
22) Diisopropyl ether	3.745	45	135187	18.235	ug/l	99
23) Vinyl Acetate	3.708	43	577380	92.688	ug/l	99
24) 1,1-Dichloroethane	3.599	63	75386	18.235	ug/l	98
25) 2-Butanone	4.531	43	146026	94.638	ug/l	96
26) 2,2-Dichloropropane	4.458	77	63482	17.354	ug/l	99
27) cis-1,2-Dichloroethene	4.476	96	50221	18.456	ug/l	100
28) Bromochloromethane	4.879	49	37705	18.608	ug/l	93
29) Tetrahydrofuran	4.976	42	103130	87.532	ug/l	95
30) Chloroform	5.068	83	78400	17.699	ug/l	100
31) Cyclohexane	5.452	56	62885	17.037	ug/l	91
32) 1,1,1-Trichloroethane	5.367	97	69878	17.606	ug/l	98
36) 1,1-Dichloropropene	5.677	75	52849	16.900	ug/l	99
37) Ethyl Acetate	4.690	43	69294	18.545	ug/l	99
38) Carbon Tetrachloride	5.659	117	63256	17.858	ug/l	93
39) Methylcyclohexane	7.360	83	63961	17.297	ug/l	95
40) Benzene	6.019	78	163242	17.609	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048746.D
 Acq On : 08 Dec 2025 12:12
 Operator : JC/MD
 Sample : VX1208WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1208WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/09/2025
 Supervised By :Mahesh Dadoda 12/09/2025

Quant Time: Dec 09 04:07:42 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)
41) Methacrylonitrile	4.891	41	31568	18.568	ug/l	99
42) 1,2-Dichloroethane	6.062	62	55738	16.988	ug/l	99
43) Isopropyl Acetate	6.318	43	97181	17.176	ug/l	99
44) Trichloroethene	7.104	130	43787	18.102	ug/l	99
45) 1,2-Dichloropropane	7.409	63	40690	17.561	ug/l	100
46) Dibromomethane	7.561	93	30942	17.610	ug/l	95
47) Bromodichloromethane	7.805	83	62726	17.122	ug/l	99
48) Methyl methacrylate	7.671	41	47694	16.757	ug/l	98
49) 1,4-Dioxane	7.641	88	13482	344.419	ug/l	95
51) 4-Methyl-2-Pentanone	8.549	43	339982	96.807	ug/l	98
52) Toluene	8.701	92	103718	18.554	ug/l	96
53) t-1,3-Dichloropropene	8.957	75	64916	18.626	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	69331	18.510	ug/l	91
55) 1,1,2-Trichloroethane	9.134	97	42798	19.028	ug/l	97
56) Ethyl methacrylate	9.098	69	66904	19.004	ug/l	97
57) 1,3-Dichloropropane	9.287	76	70276	18.790	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	158764	83.437	ug/l	99
59) 2-Hexanone	9.409	43	235275	95.434	ug/l	99
60) Dibromochloromethane	9.500	129	52662	18.935	ug/l	100
61) 1,2-Dibromoethane	9.591	107	45732	18.786	ug/l	97
64) Tetrachloroethene	9.256	164	38212	17.537	ug/l	97
65) Chlorobenzene	10.061	112	118634	18.130	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.146	131	42202	18.032	ug/l	99
67) Ethyl Benzene	10.177	91	197349	18.483	ug/l	99
68) m/p-Xylenes	10.280	106	152949	36.774	ug/l	97
69) o-Xylene	10.622	106	73078	18.751	ug/l	98
70) Styrene	10.640	104	125071	18.693	ug/l	99
71) Bromoform	10.780	173	37367	17.884	ug/l #	98
73) Isopropylbenzene	10.945	105	190072	18.565	ug/l	99
74) N-amyl acetate	10.823	43	83040	18.667	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	63206	18.296	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	58156m	20.552	ug/l	
77) Bromobenzene	11.176	156	50301	18.407	ug/l	94
78) n-propylbenzene	11.286	91	221808	18.706	ug/l	99
79) 2-Chlorotoluene	11.347	91	131712	18.215	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	154723	18.385	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	21024	17.648	ug/l #	86
82) 4-Chlorotoluene	11.433	91	155362	18.412	ug/l	98
83) tert-Butylbenzene	11.695	119	160919	18.402	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	156465	18.431	ug/l	100
85) sec-Butylbenzene	11.871	105	193728	18.280	ug/l	99
86) p-Isopropyltoluene	11.987	119	165718	18.294	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	90440	17.953	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	91816	17.637	ug/l	98
89) n-Butylbenzene	12.310	91	137241	16.181	ug/l	99
90) Hexachloroethane	12.518	117	31541	17.060	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	76945	15.755	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	14541	17.295	ug/l	99
93) 1,2,4-Trichlorobenzene	13.566	180	53685	16.643	ug/l	97
94) Hexachlorobutadiene	13.707	225	22773	17.068	ug/l	96
95) Naphthalene	13.755	128	181046	21.439	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	53936	18.131	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048746.D
Acq On : 08 Dec 2025 12:12
Operator : JC/MD
Sample : VX1208WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1208WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025

Quant Time: Dec 09 04:07:42 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)
----------	------	------	----------	------	-------	----------

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

