

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
 Data File : VX048825.D
 Acq On : 11 Dec 2025 14:31
 Operator : JC/MD
 Sample : VX1211WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 23:49:26 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	197059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	327688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	298607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	146374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	148158	56.017	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.040%			
35) Dibromofluoromethane	5.367	113	123107	54.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.120%			
50) Toluene-d8	8.629	98	419089	52.990	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.980%			
62) 4-Bromofluorobenzene	11.061	95	150623	55.229	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	42030	20.933	ug/l	98
3) Chloromethane	1.301	50	42135	16.630	ug/l	98
4) Vinyl Chloride	1.380	62	44970	16.666	ug/l	99
5) Bromomethane	1.618	94	32820	19.682	ug/l	99
6) Chloroethane	1.697	64	27715	16.503	ug/l	96
7) Trichlorofluoromethane	1.898	101	65765	17.005	ug/l	93
8) Diethyl Ether	2.136	74	24779	16.053	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	38440	17.145	ug/l	99
10) Methyl Iodide	2.453	142	54613	17.110	ug/l	99
11) Tert butyl alcohol	2.928	59	18222	42.673	ug/l	98
12) 1,1-Dichloroethene	2.325	96	38362	16.765	ug/l	94
13) Acrolein	2.233	56	16542	73.852	ug/l	100
14) Allyl chloride	2.666	41	69062	17.976	ug/l	97
15) Acrylonitrile	3.050	53	90782	68.228	ug/l	99
16) Acetone	2.367	43	54892	54.213	ug/l	99
17) Carbon Disulfide	2.514	76	105901	15.936	ug/l	99
18) Methyl Acetate	2.697	43	38307	13.447	ug/l	98
19) Methyl tert-butyl Ether	3.099	73	128684	17.280	ug/l	99
20) Methylene Chloride	2.788	84	45763	18.082	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	41888	17.936	ug/l	92
22) Diisopropyl ether	3.745	45	146109	20.349	ug/l	96
23) Vinyl Acetate	3.709	43	547362	90.727	ug/l	98
24) 1,1-Dichloroethane	3.599	63	78467	19.598	ug/l	100
25) 2-Butanone	4.532	43	91398	61.161	ug/l	97
26) 2,2-Dichloropropane	4.459	77	65419	18.465	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	50178	19.040	ug/l	95
28) Bromochloromethane	4.879	49	34087	17.369	ug/l	89
29) Tetrahydrofuran	4.983	42	62063	54.390	ug/l	96
30) Chloroform	5.074	83	83761	19.524	ug/l	98
31) Cyclohexane	5.458	56	61602	17.232	ug/l	98
32) 1,1,1-Trichloroethane	5.361	97	70879	18.439	ug/l	98
36) 1,1-Dichloropropene	5.672	75	50442	16.323	ug/l	99
37) Ethyl Acetate	4.690	43	43514	11.784	ug/l	99
38) Carbon Tetrachloride	5.660	117	60156	17.186	ug/l	99
39) Methylcyclohexane	7.360	83	59327	16.236	ug/l	97
40) Benzene	6.019	78	168656	18.410	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
 Data File : VX048825.D
 Acq On : 11 Dec 2025 14:31
 Operator : JC/MD
 Sample : VX1211WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 23:49:26 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	4.904	41	24820	14.773	ug/l	95
42) 1,2-Dichloroethane	6.068	62	60127	18.544	ug/l	98
43) Isopropyl Acetate	6.318	43	78902	14.111	ug/l	97
44) Trichloroethene	7.104	130	41171	17.224	ug/l	97
45) 1,2-Dichloropropane	7.415	63	43537	19.014	ug/l	99
46) Dibromomethane	7.562	93	30626	17.638	ug/l	98
47) Bromodichloromethane	7.805	83	66162	18.276	ug/l	99
48) Methyl methacrylate	7.677	41	38952	13.849	ug/l	96
49) 1,4-Dioxane	7.641	88	8292	214.358	ug/l	95
51) 4-Methyl-2-Pentanone	8.555	43	223111	64.287	ug/l	97
52) Toluene	8.702	92	104867	18.983	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	63009	18.295	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	71682	19.366	ug/l	97
55) 1,1,2-Trichloroethane	9.134	97	39991	17.992	ug/l	98
56) Ethyl methacrylate	9.098	69	56238	16.165	ug/l	99
57) 1,3-Dichloropropane	9.287	76	66673	18.040	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	161504	85.889	ug/l	98
59) 2-Hexanone	9.409	43	145855	59.868	ug/l	97
60) Dibromochloromethane	9.500	129	50823	18.492	ug/l	98
61) 1,2-Dibromoethane	9.592	107	40972	17.032	ug/l	99
64) Tetrachloroethene	9.256	164	34265	15.743	ug/l	98
65) Chlorobenzene	10.061	112	116939	17.891	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	41672	17.825	ug/l	99
67) Ethyl Benzene	10.177	91	193320	18.125	ug/l	98
68) m/p-Xylenes	10.281	106	146531	35.269	ug/l	100
69) o-Xylene	10.622	106	70674	18.154	ug/l	99
70) Styrene	10.634	104	123140	18.425	ug/l	99
71) Bromoform	10.781	173	31663	15.171	ug/l #	100
73) Isopropylbenzene	10.945	105	182580	18.510	ug/l	99
74) N-amyl acetate	10.823	43	68777	16.047	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	50263	15.102	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	45076m	16.534	ug/l	
77) Bromobenzene	11.177	156	47902	18.195	ug/l	99
78) n-propylbenzene	11.287	91	213756	18.711	ug/l	100
79) 2-Chlorotoluene	11.348	91	129149	18.539	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	151165	18.644	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	15482	13.489	ug/l #	82
82) 4-Chlorotoluene	11.433	91	152592	18.770	ug/l	100
83) tert-Butylbenzene	11.695	119	152114	18.056	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	153686	18.791	ug/l	99
85) sec-Butylbenzene	11.872	105	185721	18.190	ug/l	100
86) p-Isopropyltoluene	11.988	119	156080	17.884	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	86544	17.832	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	88704	17.686	ug/l	99
89) n-Butylbenzene	12.311	91	140752	17.225	ug/l	99
90) Hexachloroethane	12.518	117	29995	16.839	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	82670	17.569	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	9177	11.330	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	51944	16.715	ug/l	99
94) Hexachlorobutadiene	13.707	225	19807	15.408	ug/l	98
95) Naphthalene	13.756	128	135066	16.521	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	47733	16.655	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048825.D
Acq On : 11 Dec 2025 14:31
Operator : JC/MD
Sample : VX1211WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Manual Integrations
APPROVED

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

Quant Time: Dec 11 23:49:26 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

