

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047908.D
 Acq On : 30 Sep 2025 14:15
 Operator : JC/MD
 Sample : VX0930WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0930WBSD01

Quant Time: Oct 01 01:10:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/01/2025
 Supervised By : Mahesh Dadoda 10/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	151516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	252840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	119127	49.394	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.780%			
35) Dibromofluoromethane	5.373	113	92458	50.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.440%			
50) Toluene-d8	8.634	98	308454	48.419	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.840%			
62) 4-Bromofluorobenzene	11.061	95	121480	50.245	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	32435	20.673	ug/l	99
3) Chloromethane	1.300	50	39221	19.020	ug/l	100
4) Vinyl Chloride	1.380	62	40758	20.192	ug/l	100
5) Bromomethane	1.617	94	24926	19.474	ug/l	91
6) Chloroethane	1.697	64	27096	20.084	ug/l	98
7) Trichlorofluoromethane	1.898	101	60438	20.165	ug/l	93
8) Diethyl Ether	2.136	74	24909	20.317	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	35448	20.227	ug/l	99
10) Methyl Iodide	2.459	142	41240	15.089	ug/l	100
11) Tert butyl alcohol	2.946	59	27291	101.603	ug/l	100
12) 1,1-Dichloroethene	2.325	96	35029	19.459	ug/l	96
13) Acrolein	2.239	56	14198	57.360	ug/l	94
14) Allyl chloride	2.666	41	65753	17.701	ug/l	97
15) Acrylonitrile	3.062	53	111055	111.621	ug/l	100
16) Acetone	2.379	43	92856	88.549	ug/l	98
17) Carbon Disulfide	2.520	76	94343	19.144	ug/l	99
18) Methyl Acetate	2.703	43	54812	23.487	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	134419	20.455	ug/l	96
20) Methylene Chloride	2.788	84	47357	21.335	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	38623	19.928	ug/l	96
22) Diisopropyl ether	3.751	45	147359	20.469	ug/l #	82
23) Vinyl Acetate	3.715	43	589730	102.351	ug/l	100
24) 1,1-Dichloroethane	3.605	63	78477	20.509	ug/l	98
25) 2-Butanone	4.544	43	138751	106.075	ug/l	99
26) 2,2-Dichloropropane	4.464	77	58720	18.461	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	48937	20.618	ug/l	97
28) Bromochloromethane	4.891	49	32783	19.625	ug/l	97
29) Tetrahydrofuran	4.989	42	88731	112.762	ug/l	98
30) Chloroform	5.080	83	82930	21.447	ug/l	97
31) Cyclohexane	5.464	56	59481	18.664	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	66438	20.257	ug/l	98
36) 1,1-Dichloropropene	5.684	75	50165	18.647	ug/l	99
37) Ethyl Acetate	4.708	43	54018	18.753	ug/l #	96
38) Carbon Tetrachloride	5.672	117	56387	19.291	ug/l	96
39) Methylcyclohexane	7.366	83	54266	17.770	ug/l	97
40) Benzene	6.025	78	163156	19.968	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047908.D
 Acq On : 30 Sep 2025 14:15
 Operator : JC/MD
 Sample : VX0930WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0930WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025

Quant Time: Oct 01 01:10:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	30218	20.320	ug/l	94
42) 1,2-Dichloroethane	6.074	62	61079	19.646	ug/l	98
43) Isopropyl Acetate	6.324	43	96321	20.389	ug/l	99
44) Trichloroethene	7.110	130	39598	20.045	ug/l	98
45) 1,2-Dichloropropane	7.415	63	43568	20.823	ug/l	99
46) Dibromomethane	7.568	93	31974	21.000	ug/l	98
47) Bromodichloromethane	7.811	83	65712	20.915	ug/l	98
48) Methyl methacrylate	7.683	41	46730	19.858	ug/l	97
49) 1,4-Dioxane	7.653	88	11871	499.172	ug/l	95
51) 4-Methyl-2-Pentanone	8.561	43	296583	113.229	ug/l	99
52) Toluene	8.701	92	101000	20.063	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	61905	19.317	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	67573	19.727	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	42991	22.147	ug/l	97
56) Ethyl methacrylate	9.104	69	61508	20.176	ug/l	98
57) 1,3-Dichloropropane	9.293	76	71778	21.526	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	135810	100.321	ug/l	100
59) 2-Hexanone	9.415	43	204497	108.706	ug/l	99
60) Dibromochloromethane	9.506	129	48261	21.578	ug/l	100
61) 1,2-Dibromoethane	9.592	107	43199	21.849	ug/l	100
64) Tetrachloroethene	9.262	164	31696	19.230	ug/l	96
65) Chlorobenzene	10.061	112	113812	19.814	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	39683	20.021	ug/l	99
67) Ethyl Benzene	10.177	91	189477	19.118	ug/l	99
68) m/p-Xylenes	10.287	106	144171	39.082	ug/l	99
69) o-Xylene	10.628	106	69662	19.524	ug/l	97
70) Styrene	10.640	104	122550	19.602	ug/l	98
71) Bromoform	10.780	173	31113	21.022	ug/l #	99
73) Isopropylbenzene	10.945	105	178500	18.456	ug/l	99
74) N-amyl acetate	10.829	43	83214	18.868	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	60966	20.835	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	47484m	18.435	ug/l	
77) Bromobenzene	11.183	156	45412	19.064	ug/l	98
78) n-propylbenzene	11.286	91	211342	18.485	ug/l	100
79) 2-Chlorotoluene	11.347	91	129237	18.456	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	147164	18.520	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	16580	16.416	ug/l	96
82) 4-Chlorotoluene	11.439	91	156076	18.872	ug/l	100
83) tert-Butylbenzene	11.695	119	147300	18.109	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	148166	18.392	ug/l	99
85) sec-Butylbenzene	11.872	105	175409	18.155	ug/l	99
86) p-Isopropyltoluene	11.994	119	148196	18.117	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	83354	18.839	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	87016	19.162	ug/l	99
89) n-Butylbenzene	12.317	91	133625	17.655	ug/l	98
90) Hexachloroethane	12.518	117	27169	18.918	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	80869	19.185	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	11645	19.656	ug/l	98
93) 1,2,4-Trichlorobenzene	13.566	180	48061	17.544	ug/l	99
94) Hexachlorobutadiene	13.707	225	16537	17.772	ug/l	97
95) Naphthalene	13.755	128	148974	17.858	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	45499	17.854	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
Data File : VX047908.D
Acq On : 30 Sep 2025 14:15
Operator : JC/MD
Sample : VX0930WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0930WBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 10/01/2025
Supervised By : Mahesh Dadoda 10/03/2025

Quant Time: Oct 01 01:10:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
Data File : VX047908.D
Acq On : 30 Sep 2025 14:15
Operator : JC/MD
Sample : VX0930WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0930WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

Quant Time: Oct 01 01:10:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

