

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047901.D
 Acq On : 30 Sep 2025 11:48
 Operator : JC/MD
 Sample : VX0930WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0930WBS02

Manual Integrations
 APPROVED

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

Quant Time: Oct 01 01:06:37 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)

Internal Standards						
1) Pentafluorobenzene	5.537	168	179100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	319703	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	299275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	138806	48.690	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 97.380%			
35) Dibromofluoromethane	5.373	113	110574	51.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.140%			
50) Toluene-d8	8.634	98	378889	51.070	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.140%			
62) 4-Bromofluorobenzene	11.067	95	150001	53.274	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	31671	17.077	ug/l	95
3) Chloromethane	1.300	50	36761	15.082	ug/l	98
4) Vinyl Chloride	1.380	62	38637	16.193	ug/l	100
5) Bromomethane	1.617	94	23975	15.846	ug/l	97
6) Chloroethane	1.697	64	25295	15.862	ug/l	98
7) Trichlorofluoromethane	1.898	101	56856	16.049	ug/l	99
8) Diethyl Ether	2.136	74	23391	16.140	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	34949	16.871	ug/l	99
10) Methyl Iodide	2.459	142	43753	13.543	ug/l	100
11) Tert butyl alcohol	2.940	59	24946	78.569	ug/l	99
12) 1,1-Dichloroethene	2.325	96	33076	15.544	ug/l	97
13) Acrolein	2.239	56	16402	56.059	ug/l	99
14) Allyl chloride	2.666	41	65181	14.844	ug/l	97
15) Acrylonitrile	3.056	53	105803	89.964	ug/l	98
16) Acetone	2.373	43	92900	74.947	ug/l	97
17) Carbon Disulfide	2.514	76	87662	15.048	ug/l	98
18) Methyl Acetate	2.703	43	52157	18.907	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	125735	16.187	ug/l	99
20) Methylene Chloride	2.788	84	43810	16.697	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	36443	15.907	ug/l	94
22) Diisopropyl ether	3.751	45	140442	16.503	ug/l #	80
23) Vinyl Acetate	3.715	43	561625	82.461	ug/l	99
24) 1,1-Dichloroethane	3.611	63	74575	16.488	ug/l	99
25) 2-Butanone	4.544	43	130181	84.195	ug/l	98
26) 2,2-Dichloropropane	4.465	77	56826	15.114	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	46316	16.508	ug/l	96
28) Bromochloromethane	4.891	49	33693	17.063	ug/l	98
29) Tetrahydrofuran	4.989	42	82594	88.797	ug/l	97
30) Chloroform	5.086	83	76767	16.796	ug/l	99
31) Cyclohexane	5.458	56	57377	15.231	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	63417	16.358	ug/l	99
36) 1,1-Dichloropropene	5.684	75	48278	15.409	ug/l	98
37) Ethyl Acetate	4.702	43	53777	16.031	ug/l	99
38) Carbon Tetrachloride	5.666	117	53647	15.760	ug/l	96
39) Methylcyclohexane	7.366	83	53774	15.120	ug/l	93
40) Benzene	6.031	78	154405	16.226	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047901.D
 Acq On : 30 Sep 2025 11:48
 Operator : JC/MD
 Sample : VX0930WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0930WBS02

Manual Integrations
 APPROVED

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

Quant Time: Oct 01 01:06:37 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	4.910	41	30291	17.491	ug/l	99
42) 1,2-Dichloroethane	6.074	62	58683	16.208	ug/l	97
43) Isopropyl Acetate	6.330	43	92019	16.725	ug/l	99
44) Trichloroethene	7.116	130	36677	15.942	ug/l	98
45) 1,2-Dichloropropane	7.415	63	40714	16.709	ug/l	92
46) Dibromomethane	7.568	93	29677	16.737	ug/l	97
47) Bromodichloromethane	7.805	83	60688	16.586	ug/l	95
48) Methyl methacrylate	7.677	41	43871	16.009	ug/l	97
49) 1,4-Dioxane	7.647	88	11116	401.365	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	276813	90.746	ug/l	99
52) Toluene	8.702	92	95562	16.300	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	58734	15.737	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	65431	16.402	ug/l	98
55) 1,1,2-Trichloroethane	9.141	97	39869	17.636	ug/l	98
56) Ethyl methacrylate	9.104	69	58925	16.597	ug/l	96
57) 1,3-Dichloropropane	9.293	76	67288	17.327	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	138156	88.776	ug/l	100
59) 2-Hexanone	9.415	43	191399	87.364	ug/l	100
60) Dibromochloromethane	9.506	129	44993	17.273	ug/l	98
61) 1,2-Dibromoethane	9.592	107	39955	17.352	ug/l	98
64) Tetrachloroethene	9.256	164	29989	15.371	ug/l	96
65) Chlorobenzene	10.061	112	106700	15.694	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.146	131	37484	15.977	ug/l	99
67) Ethyl Benzene	10.177	91	177490	15.130	ug/l	99
68) m/p-Xylenes	10.287	106	135489	31.030	ug/l	99
69) o-Xylene	10.628	106	65193	15.436	ug/l	99
70) Styrene	10.640	104	115058	15.548	ug/l	99
71) Bromoform	10.780	173	29427	16.798	ug/l #	97
73) Isopropylbenzene	10.945	105	168992	14.695	ug/l	99
74) N-amyl acetate	10.829	43	77497	14.778	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	57699	16.584	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	50589m	16.519	ug/l	
77) Bromobenzene	11.183	156	42559	15.026	ug/l	97
78) n-propylbenzene	11.286	91	201749	14.841	ug/l	100
79) 2-Chlorotoluene	11.347	91	124177	14.914	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	140855	14.909	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	17110	14.247	ug/l	99
82) 4-Chlorotoluene	11.439	91	146995	14.948	ug/l	99
83) tert-Butylbenzene	11.695	119	142248	14.708	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	144155	15.050	ug/l	100
85) sec-Butylbenzene	11.872	105	170891	14.876	ug/l	100
86) p-Isopropyltoluene	11.994	119	144150	14.821	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	80439	15.291	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	80790	14.963	ug/l	98
89) n-Butylbenzene	12.317	91	134100	14.901	ug/l	99
90) Hexachloroethane	12.518	117	25859	15.144	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	74636	14.892	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.926	75	10589	15.033	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	46652	14.322	ug/l	98
94) Hexachlorobutadiene	13.707	225	16861	15.240	ug/l	97
95) Naphthalene	13.756	128	142159	14.332	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	45364	14.972	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
Data File : VX047901.D
Acq On : 30 Sep 2025 11:48
Operator : JC/MD
Sample : VX0930WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0930WBS02

Manual Integrations
APPROVED

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

Quant Time: Oct 01 01:06:37 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

Manual Integrations

Quant Time: Oct 01 01:06:37 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

