

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047694.D
 Acq On : 22 Sep 2025 11:42
 Operator : JC/MD
 Sample : VX0922WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2025
 Supervised By : Mahesh Dadoda 09/24/2025

Quant Time: Sep 23 01:30:46 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	5.544	168	166680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	297578	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	263948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	140900	53.107	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.220%			
35) Dibromofluoromethane	5.373	113	109308	54.771	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.540%			
50) Toluene-d8	8.634	98	374743	54.267	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.540%			
62) 4-Bromofluorobenzene	11.061	95	143588	54.788	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.178	85	42598	24.680	ug/l	99
3) Chloromethane	1.300	50	52254	23.035	ug/l	95
4) Vinyl Chloride	1.386	62	49300	22.202	ug/l	99
5) Bromomethane	1.624	94	34309	24.366	ug/l	87
6) Chloroethane	1.697	64	32752	22.068	ug/l	97
7) Trichlorofluoromethane	1.898	101	72082	21.862	ug/l	99
8) Diethyl Ether	2.136	74	28842	21.385	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	43091	22.351	ug/l	98
10) Methyl Iodide	2.459	142	60699	20.188	ug/l	98
11) Tert butyl alcohol	2.940	59	25999	87.987	ug/l	100
12) 1,1-Dichloroethene	2.325	96	43100	21.764	ug/l	98
13) Acrolein	2.239	56	31221	114.658	ug/l	98
14) Allyl chloride	2.666	41	83632	20.466	ug/l	98
15) Acrylonitrile	3.062	53	117948	107.764	ug/l	99
16) Acetone	2.373	43	100532	87.147	ug/l	97
17) Carbon Disulfide	2.520	76	121590	22.428	ug/l	98
18) Methyl Acetate	2.703	43	52981	20.637	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	152758	21.131	ug/l	99
20) Methylene Chloride	2.788	84	53479	21.901	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	45920	21.538	ug/l	96
22) Diisopropyl ether	3.757	45	172409	21.770	ug/l	99
23) Vinyl Acetate	3.715	43	679603	107.218	ug/l	100
24) 1,1-Dichloroethane	3.611	63	89295	21.213	ug/l	98
25) 2-Butanone	4.544	43	142310	98.898	ug/l	98
26) 2,2-Dichloropropane	4.471	77	71090	20.317	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	56331	21.574	ug/l	99
28) Bromochloromethane	4.891	49	41649	22.664	ug/l	98
29) Tetrahydrofuran	4.995	42	89513	103.406	ug/l	98
30) Chloroform	5.086	83	91602	21.535	ug/l	99
31) Cyclohexane	5.464	56	76935	21.945	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	77558	21.496	ug/l	100
36) 1,1-Dichloropropene	5.690	75	60746	20.830	ug/l	99
37) Ethyl Acetate	4.702	43	67197	21.521	ug/l	97
38) Carbon Tetrachloride	5.672	117	64898	20.482	ug/l	89
39) Methylcyclohexane	7.366	83	72414	21.875	ug/l	99
40) Benzene	6.025	78	191052	21.570	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047694.D
 Acq On : 22 Sep 2025 11:42
 Operator : JC/MD
 Sample : VX0922WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2025
 Supervised By : Mahesh Dadoda 09/24/2025

Quant Time: Sep 23 01:30:46 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	33934	21.051	ug/l	98
42) 1,2-Dichloroethane	6.074	62	72535	21.523	ug/l	99
43) Isopropyl Acetate	6.324	43	105438	20.589	ug/l	100
44) Trichloroethene	7.116	130	46569	21.747	ug/l	86
45) 1,2-Dichloropropane	7.415	63	49167	21.678	ug/l	98
46) Dibromomethane	7.568	93	35145	21.294	ug/l	97
47) Bromodichloromethane	7.811	83	73156	21.480	ug/l	99
48) Methyl methacrylate	7.677	41	52272	20.492	ug/l	99
49) 1,4-Dioxane	7.653	88	11868	460.378	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	304585	107.275	ug/l	100
52) Toluene	8.702	92	117596	21.550	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	73459	21.146	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	78923	21.255	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	45968	21.846	ug/l	98
56) Ethyl methacrylate	9.104	69	70844	21.438	ug/l	98
57) 1,3-Dichloropropane	9.293	76	80370	22.235	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	143744	98.172	ug/l	99
59) 2-Hexanone	9.415	43	207060	101.540	ug/l	98
60) Dibromochloromethane	9.506	129	52972	21.849	ug/l	99
61) 1,2-Dibromoethane	9.598	107	47318	22.078	ug/l	98
64) Tetrachloroethene	9.256	164	37422	21.749	ug/l	98
65) Chlorobenzene	10.061	112	130843	21.820	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	44269	21.394	ug/l	99
67) Ethyl Benzene	10.177	91	221219	21.381	ug/l	100
68) m/p-Xylenes	10.287	106	169317	43.967	ug/l	98
69) o-Xylene	10.628	106	80609	21.641	ug/l	100
70) Styrene	10.640	104	142264	21.798	ug/l	99
71) Bromoform	10.787	173	33361	21.592	ug/l #	99
73) Isopropylbenzene	10.945	105	208549	20.974	ug/l	100
74) N-amyl acetate	10.829	43	91306	20.137	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	63562	21.129	ug/l	99
76) 1,2,3-Trichloropropane	11.225	75	49574m	18.721	ug/l	
77) Bromobenzene	11.183	156	51717	21.118	ug/l	98
78) n-propylbenzene	11.286	91	248883	21.174	ug/l	100
79) 2-Chlorotoluene	11.347	91	149980	20.833	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	172378	21.101	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	19541	18.819	ug/l	96
82) 4-Chlorotoluene	11.439	91	178218	20.961	ug/l	99
83) tert-Butylbenzene	11.695	119	170680	20.410	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	175067	21.138	ug/l	100
85) sec-Butylbenzene	11.872	105	211308	21.273	ug/l	99
86) p-Isopropyltoluene	11.994	119	177322	21.086	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	96065	21.119	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	96866	20.749	ug/l	98
89) n-Butylbenzene	12.317	91	164659	21.161	ug/l	99
90) Hexachloroethane	12.518	117	30871	20.909	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	91612	21.140	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	12203	20.036	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	57443	20.396	ug/l	99
94) Hexachlorobutadiene	13.707	225	19937	20.840	ug/l	98
95) Naphthalene	13.756	128	166320	19.393	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	53313	20.349	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
Data File : VX047694.D
Acq On : 22 Sep 2025 11:42
Operator : JC/MD
Sample : VX0922WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Quant Time: Sep 23 01:30:46 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

