

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047689.D
 Acq On : 22 Sep 2025 09:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 23 01:27:12 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 09/23/2025
 Supervised By : Mahesh Dadoda 09/24/2025

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	186088	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	326997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	282237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	135594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	151386	51.108	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.220%			
35) Dibromofluoromethane	5.367	113	118783	54.164	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.320%			
50) Toluene-d8	8.629	98	398559	52.523	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.040%			
62) 4-Bromofluorobenzene	11.061	95	147405	51.184	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	130582	67.766	ug/l	99
3) Chloromethane	1.301	50	154386	60.960	ug/l	99
4) Vinyl Chloride	1.380	62	154105	62.162	ug/l	100
5) Bromomethane	1.618	94	100963	64.225	ug/l	98
6) Chloroethane	1.697	64	95237	57.477	ug/l	99
7) Trichlorofluoromethane	1.892	101	214231	58.200	ug/l	99
8) Diethyl Ether	2.136	74	81887	54.382	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	122289	56.816	ug/l	100
10) Methyl Iodide	2.453	142	180951	53.906	ug/l	99
11) Tert butyl alcohol	2.934	59	68582	207.891	ug/l	100
12) 1,1-Dichloroethene	2.325	96	125529	56.777	ug/l	97
13) Acrolein	2.233	56	82024	269.814	ug/l	99
14) Allyl chloride	2.666	41	243094	53.283	ug/l	98
15) Acrylonitrile	3.050	53	313655	256.685	ug/l	99
16) Acetone	2.367	43	299354	232.434	ug/l	98
17) Carbon Disulfide	2.514	76	364510	60.224	ug/l	98
18) Methyl Acetate	2.697	43	140835	49.136	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	417728	51.758	ug/l	97
20) Methylene Chloride	2.788	84	144810	53.119	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	131016	55.041	ug/l	99
22) Diisopropyl ether	3.745	45	471640	53.342	ug/l	90
23) Vinyl Acetate	3.709	43	1878460	265.449	ug/l	99
24) 1,1-Dichloroethane	3.599	63	253921	54.031	ug/l	98
25) 2-Butanone	4.532	43	375302	233.614	ug/l	99
26) 2,2-Dichloropropane	4.465	77	204537	52.358	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	156127	53.558	ug/l	99
28) Bromochloromethane	4.879	49	103740	50.564	ug/l	100
29) Tetrahydrofuran	4.977	42	225711	233.550	ug/l	99
30) Chloroform	5.074	83	248553	52.338	ug/l	99
31) Cyclohexane	5.452	56	204247	52.182	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	210320	52.212	ug/l	99
36) 1,1-Dichloropropene	5.672	75	165531	51.655	ug/l	99
37) Ethyl Acetate	4.690	43	160957	46.911	ug/l	99
38) Carbon Tetrachloride	5.660	117	178720	51.330	ug/l	96
39) Methylcyclohexane	7.360	83	191182	52.558	ug/l	95
40) Benzene	6.019	78	516015	53.017	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047689.D
 Acq On : 22 Sep 2025 09:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 23 01:27:12 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 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	87133	49.191	ug/l	98
42) 1,2-Dichloroethane	6.068	62	185367	50.055	ug/l	99
43) Isopropyl Acetate	6.318	43	270484	48.067	ug/l	99
44) Trichloroethene	7.104	130	127009	53.976	ug/l	95
45) 1,2-Dichloropropane	7.409	63	129510	51.965	ug/l	100
46) Dibromomethane	7.562	93	92404	50.950	ug/l	97
47) Bromodichloromethane	7.805	83	193942	51.822	ug/l	97
48) Methyl methacrylate	7.671	41	135938	48.497	ug/l	99
49) 1,4-Dioxane	7.635	88	27869	983.820	ug/l	93
51) 4-Methyl-2-Pentanone	8.555	43	742395	237.947	ug/l	100
52) Toluene	8.702	92	313273	52.243	ug/l	98
53) t-1,3-Dichloropropene	8.958	75	194304	50.900	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	214043	52.459	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	114964	49.721	ug/l	99
56) Ethyl methacrylate	9.098	69	181815	50.070	ug/l	97
57) 1,3-Dichloropropane	9.293	76	202781	51.053	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	433231	249.751	ug/l	99
59) 2-Hexanone	9.415	43	509641	227.437	ug/l	99
60) Dibromochloromethane	9.500	129	138233	51.886	ug/l	99
61) 1,2-Dibromoethane	9.592	107	120255	51.062	ug/l	100
64) Tetrachloroethene	9.256	164	96914	52.674	ug/l	98
65) Chlorobenzene	10.061	112	335812	52.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	116763	52.773	ug/l	99
67) Ethyl Benzene	10.177	91	581779	52.587	ug/l	100
68) m/p-Xylenes	10.281	106	434058	105.410	ug/l	99
69) o-Xylene	10.622	106	211322	53.057	ug/l	98
70) Styrene	10.634	104	366737	52.550	ug/l	98
71) Bromoform	10.781	173	87766	53.124	ug/l #	98
73) Isopropylbenzene	10.945	105	529861	51.399	ug/l	100
74) N-amyl acetate	10.823	43	231908	49.332	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	153486	49.211	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	124442m	45.328	ug/l	
77) Bromobenzene	11.177	156	130012	51.207	ug/l	97
78) n-propylbenzene	11.287	91	623815	51.190	ug/l	99
79) 2-Chlorotoluene	11.348	91	380369	50.962	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	436393	51.525	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	52034	48.334	ug/l	96
82) 4-Chlorotoluene	11.433	91	447005	50.709	ug/l	99
83) tert-Butylbenzene	11.695	119	428900	49.469	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	440824	51.338	ug/l	99
85) sec-Butylbenzene	11.872	105	518888	50.386	ug/l	100
86) p-Isopropyltoluene	11.988	119	437167	50.142	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	238855	50.649	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	238927	49.364	ug/l	99
89) n-Butylbenzene	12.311	91	406919	50.441	ug/l	99
90) Hexachloroethane	12.518	117	79281	51.794	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	227197	50.568	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	28445	45.046	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	143201	49.042	ug/l	100
94) Hexachlorobutadiene	13.707	225	46654	47.039	ug/l	99
95) Naphthalene	13.756	128	414295	46.595	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	130139	47.912	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
Data File : VX047689.D
Acq On : 22 Sep 2025 09:38
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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

Quant Time: Sep 23 01:27:12 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: Sep 23 01:27:12 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

