

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
 Data File : VX047557.D
 Acq On : 29 Aug 2025 09:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 29 23:49:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

09/02/2025
 Supervised By :Semsettin
 Yesilyurt

09/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	231227	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	396428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	357667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	172889	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	194441	54.759	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.520%	
35) Dibromofluoromethane	5.391	113	153923	56.572	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.140%	
50) Toluene-d8	8.647	98	536041	56.207	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 112.420%#	
62) 4-Bromofluorobenzene	11.079	95	201572	56.261	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.520%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	123364	48.718	ug/l	96
3) Chloromethane	1.313	50	127572	46.127	ug/l	96
4) Vinyl Chloride	1.392	62	153897	47.338	ug/l	97
5) Bromomethane	1.624	94	77197	54.899	ug/l	91
6) Chloroethane	1.703	64	95222	46.101	ug/l	98
7) Trichlorofluoromethane	1.904	101	230316	49.809	ug/l	100
8) Diethyl Ether	2.148	74	91778	50.024	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	141327	51.321	ug/l	99
10) Methyl Iodide	2.465	142	214422	47.037	ug/l	96
11) Tert butyl alcohol	2.953	59	78006	239.009	ug/l	98
12) 1,1-Dichloroethene	2.337	96	141581	48.485	ug/l	93
13) Acrolein	2.245	56	154666	236.400	ug/l	99
14) Allyl chloride	2.678	41	261574	48.897	ug/l	100
15) Acrylonitrile	3.075	53	360623	246.925	ug/l	98
16) Acetone	2.386	43	359654	255.748	ug/l	98
17) Carbon Disulfide	2.526	76	408839	47.085	ug/l	100
18) Methyl Acetate	2.709	43	173607	50.073	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	474106	49.742	ug/l	99
20) Methylene Chloride	2.800	84	163420	45.667	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	153630	49.439	ug/l	96
22) Diisopropyl ether	3.770	45	533161	49.486	ug/l	99
23) Vinyl Acetate	3.727	43	2226313	253.769	ug/l	100
24) 1,1-Dichloroethane	3.623	63	285989	47.771	ug/l	99
25) 2-Butanone	4.562	43	460677	248.919	ug/l	99
26) 2,2-Dichloropropane	4.483	77	215836	49.880	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	182172	48.116	ug/l	100
28) Bromochloromethane	4.903	49	130427	50.485	ug/l #	99
29) Tetrahydrofuran	5.013	42	268225	233.546	ug/l	99
30) Chloroform	5.099	83	290251	47.613	ug/l	98
31) Cyclohexane	5.477	56	245588	49.188	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	242650	48.855	ug/l	99
36) 1,1-Dichloropropene	5.696	75	194282	50.174	ug/l	99
37) Ethyl Acetate	4.714	43	194653	51.003	ug/l	99
38) Carbon Tetrachloride	5.684	117	211572	49.243	ug/l	98
39) Methylcyclohexane	7.385	83	232154	51.987	ug/l	96
40) Benzene	6.043	78	609815	49.330	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
 Data File : VX047557.D
 Acq On : 29 Aug 2025 09:48
 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

09/02/2025
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Aug 29 23:49:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	95387	52.773	ug/l	98
42) 1,2-Dichloroethane	6.086	62	217317	48.833	ug/l	99
43) Isopropyl Acetate	6.342	43	317486	51.771	ug/l	100
44) Trichloroethene	7.129	130	151892	49.590	ug/l	94
45) 1,2-Dichloropropane	7.427	63	154293	49.552	ug/l	99
46) Dibromomethane	7.580	93	112744	49.185	ug/l	100
47) Bromodichloromethane	7.818	83	232332	49.561	ug/l	99
48) Methyl methacrylate	7.690	41	164965	52.293	ug/l	99
49) 1,4-Dioxane	7.677	88	38304	1227.440	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	902871	249.179	ug/l	100
52) Toluene	8.714	92	376945	50.035	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	221052	52.341	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	243305	51.993	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	145133	49.382	ug/l	96
56) Ethyl methacrylate	9.116	69	225818	51.905	ug/l	99
57) 1,3-Dichloropropane	9.305	76	250601	49.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	517951	253.113	ug/l	100
59) 2-Hexanone	9.427	43	627167	253.372	ug/l	100
60) Dibromochloromethane	9.518	129	175378	49.952	ug/l	100
61) 1,2-Dibromoethane	9.604	107	152944	51.137	ug/l	100
64) Tetrachloroethene	9.275	164	121569	50.735	ug/l	96
65) Chlorobenzene	10.073	112	410913	49.077	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	144009	50.721	ug/l	99
67) Ethyl Benzene	10.189	91	714010	50.748	ug/l	100
68) m/p-Xylenes	10.299	106	536975	102.755	ug/l	100
69) o-Xylene	10.640	106	260055	51.659	ug/l	100
70) Styrene	10.652	104	455098	52.101	ug/l	100
71) Bromoform	10.799	173	112896	52.220	ug/l	98
73) Isopropylbenzene	10.957	105	666173	52.364	ug/l	99
74) N-amyl acetate	10.841	43	275917	52.520	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	201828	50.187	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	164715m	53.381	ug/l	
77) Bromobenzene	11.195	156	166143	51.050	ug/l	97
78) n-propylbenzene	11.299	91	792211	52.303	ug/l	100
79) 2-Chlorotoluene	11.360	91	478871	50.980	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	553687	53.229	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	38064	48.119	ug/l	97
82) 4-Chlorotoluene	11.451	91	566077	51.360	ug/l	100
83) tert-Butylbenzene	11.713	119	548554	52.314	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	560631	52.875	ug/l	99
85) sec-Butylbenzene	11.890	105	670510	53.143	ug/l	99
86) p-Isopropyltoluene	12.006	119	558964	52.851	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	310949	51.247	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	312093	49.817	ug/l	100
89) n-Butylbenzene	12.329	91	517564	53.021	ug/l	100
90) Hexachloroethane	12.536	117	101804	52.365	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	293456	49.356	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37329	50.323	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	186577	51.479	ug/l	99
94) Hexachlorobutadiene	13.725	225	63491	50.401	ug/l	98
95) Naphthalene	13.774	128	562357	53.081	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	177906	52.258	ug/l	97

09/03/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047557.D
Acq On : 29 Aug 2025 09:48
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 29 23:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/02/2025
Supervised By :Semsettin
Yesilyurt

09/03/2025

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

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

