

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046959.D
 Acq On : 10 Jul 2025 20:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:40:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	308031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	521689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	478117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	246406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	216476	53.196	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.400%			
35) Dibromofluoromethane	5.397	113	184504	52.102	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.200%			
50) Toluene-d8	8.647	98	639668	51.197	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.079	95	258975	54.538	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	175960	59.731	ug/l	98
3) Chloromethane	1.307	50	184171	57.222	ug/l	96
4) Vinyl Chloride	1.386	62	204186	58.256	ug/l	98
5) Bromomethane	1.617	94	85345	37.897	ug/l	95
6) Chloroethane	1.703	64	127783	55.212	ug/l	99
7) Trichlorofluoromethane	1.904	101	308750	56.971	ug/l	99
8) Diethyl Ether	2.148	74	111530	57.829	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	193392	56.002	ug/l	100
10) Methyl Iodide	2.465	142	156144	41.503	ug/l	98
11) Tert butyl alcohol	2.953	59	86191	322.944	ug/l	99
12) 1,1-Dichloroethene	2.337	96	193406	57.903	ug/l	96
13) Acrolein	2.251	56	41318	141.346	ug/l	98
14) Allyl chloride	2.678	41	336429	56.573	ug/l	99
15) Acrylonitrile	3.074	53	453779	294.075	ug/l	100
16) Acetone	2.386	43	336673	266.347	ug/l	98
17) Carbon Disulfide	2.532	76	546310	62.367	ug/l	100
18) Methyl Acetate	2.715	43	204881	61.495	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	566417	60.050	ug/l	97
20) Methylene Chloride	2.800	84	211989	56.715	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	203529	59.549	ug/l	98
22) Diisopropyl ether	3.769	45	680602	59.240	ug/l	95
23) Vinyl Acetate	3.733	43	2665080	309.632	ug/l	99
24) 1,1-Dichloroethane	3.623	63	370404	56.531	ug/l	99
25) 2-Butanone	4.562	43	529715	314.099	ug/l	97
26) 2,2-Dichloropropane	4.489	77	226300	46.407	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	237884	57.006	ug/l	99
28) Bromochloromethane	4.916	49	164751	50.948	ug/l	99
29) Tetrahydrofuran	5.007	42	344388	320.345	ug/l	99
30) Chloroform	5.105	83	379185	56.645	ug/l	100
31) Cyclohexane	5.483	56	354100	60.875	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	316337	56.564	ug/l	100
36) 1,1-Dichloropropene	5.708	75	268279	56.150	ug/l	98
37) Ethyl Acetate	4.721	43	232587	57.155	ug/l	99
38) Carbon Tetrachloride	5.690	117	281674	55.763	ug/l	98
39) Methylcyclohexane	7.385	83	343917	57.543	ug/l	99
40) Benzene	6.050	78	810045	56.052	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046959.D
 Acq On : 10 Jul 2025 20:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:40:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	136600	62.926	ug/l	97
42) 1,2-Dichloroethane	6.092	62	272089	55.446	ug/l	99
43) Isopropyl Acetate	6.342	43	387075	62.100	ug/l	100
44) Trichloroethene	7.129	130	207287	55.102	ug/l	95
45) 1,2-Dichloropropane	7.433	63	203414	55.712	ug/l	99
46) Dibromomethane	7.586	93	141878	56.083	ug/l	99
47) Bromodichloromethane	7.824	83	294048	54.436	ug/l	99
48) Methyl methacrylate	7.696	41	205426	63.828	ug/l	98
49) 1,4-Dioxane	7.659	88	50104	1343.557	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	1157379	314.624	ug/l	100
52) Toluene	8.720	92	512865	57.270	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	269901	55.987	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	310985	56.516	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	187261	56.141	ug/l	97
56) Ethyl methacrylate	9.116	69	290938	63.019	ug/l	99
57) 1,3-Dichloropropane	9.311	76	322205	56.098	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	762777	293.232	ug/l	99
59) 2-Hexanone	9.427	43	790703	324.056	ug/l	100
60) Dibromochloromethane	9.518	129	222433	55.722	ug/l	99
61) 1,2-Dibromoethane	9.610	107	195396	58.328	ug/l	100
64) Tetrachloroethene	9.275	164	183550	57.660	ug/l	93
65) Chlorobenzene	10.079	112	569952	55.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	187872	54.064	ug/l	99
67) Ethyl Benzene	10.195	91	1001333	56.564	ug/l	100
68) m/p-Xylenes	10.299	106	750062	112.442	ug/l	99
69) o-Xylene	10.640	106	363820	56.462	ug/l	99
70) Styrene	10.652	104	624732	56.668	ug/l	98
71) Bromoform	10.799	173	143274	55.451	ug/l	100
73) Isopropylbenzene	10.963	105	959828	55.412	ug/l	99
74) N-amyl acetate	10.841	43	367990	62.518	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	261596	54.922	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	207238m	54.432	ug/l	
77) Bromobenzene	11.195	156	234440	54.337	ug/l	100
78) n-propylbenzene	11.305	91	1140247	54.593	ug/l	100
79) 2-Chlorotoluene	11.360	91	661378	53.628	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	784358	55.729	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	69599	49.055	ug/l	96
82) 4-Chlorotoluene	11.451	91	779611	54.779	ug/l	99
83) tert-Butylbenzene	11.713	119	791731	54.464	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	795016	55.884	ug/l	98
85) sec-Butylbenzene	11.890	105	979883	53.463	ug/l	99
86) p-Isopropyltoluene	12.006	119	814237	53.050	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	435917	54.022	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	432355	51.483	ug/l	99
89) n-Butylbenzene	12.329	91	756878	52.483	ug/l	99
90) Hexachloroethane	12.536	117	137413	50.503	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	412230	52.718	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	46972	56.385	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	279370	52.590	ug/l	99
94) Hexachlorobutadiene	13.725	225	95332	47.586	ug/l	98
95) Naphthalene	13.774	128	835829	59.710	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	267680	53.330	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046959.D
Acq On : 10 Jul 2025 20:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:40:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

[illegible]