

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070925\
 Data File : VX046920.D
 Acq On : 09 Jul 2025 09:44
 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

07/10/2025
 Supervised By :Mahesh
 Dadoda

Quant Time: Jul 10 02:53:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 10 02:52:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	336220	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	548389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	478293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	238052	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	221306	49.824	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.640%
35) Dibromofluoromethane	5.385	113	190051	51.055	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.100%
50) Toluene-d8	8.647	98	637208	48.517	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.040%
62) 4-Bromofluorobenzene	11.079	95	243468	48.776	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	193099	60.053	ug/l	99
3) Chloromethane	1.307	50	207213	58.983	ug/l	97
4) Vinyl Chloride	1.386	62	224274	58.623	ug/l	99
5) Bromomethane	1.624	94	140147	57.014	ug/l	100
6) Chloroethane	1.703	64	140948	55.795	ug/l	99
7) Trichlorofluoromethane	1.904	101	349004	58.999	ug/l	97
8) Diethyl Ether	2.142	74	125131	59.441	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	222856	59.123	ug/l	99
10) Methyl Iodide	2.465	142	238989	58.197	ug/l	98
11) Tert butyl alcohol	2.953	59	84326	289.466	ug/l	100
12) 1,1-Dichloroethene	2.331	96	207254	56.847	ug/l	97
13) Acrolein	2.245	56	109967	316.117	ug/l	100
14) Allyl chloride	2.678	41	374515	57.698	ug/l	99
15) Acrylonitrile	3.068	53	486323	288.742	ug/l	100
16) Acetone	2.380	43	409146	296.544	ug/l	98
17) Carbon Disulfide	2.526	76	510024	53.343	ug/l	98
18) Methyl Acetate	2.709	43	232915	64.048	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	604518	58.716	ug/l	98
20) Methylene Chloride	2.800	84	231948	56.852	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	211969	56.818	ug/l	99
22) Diisopropyl ether	3.763	45	748520	59.689	ug/l	97
23) Vinyl Acetate	3.727	43	2718105	289.317	ug/l	98
24) 1,1-Dichloroethane	3.617	63	409233	57.220	ug/l	100
25) 2-Butanone	4.550	43	534752	290.501	ug/l	98
26) 2,2-Dichloropropane	4.483	77	295885	55.590	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	257106	56.446	ug/l	99
28) Bromochloromethane	4.897	49	192782	54.618	ug/l	98
29) Tetrahydrofuran	5.001	42	334797	285.313	ug/l	99
30) Chloroform	5.093	83	409134	55.995	ug/l	99
31) Cyclohexane	5.477	56	335786	52.886	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	337856	55.346	ug/l	99
36) 1,1-Dichloropropene	5.696	75	269085	53.577	ug/l	99
37) Ethyl Acetate	4.708	43	221671	51.820	ug/l	98
38) Carbon Tetrachloride	5.684	117	296678	55.874	ug/l	98
39) Methylcyclohexane	7.379	83	328976	52.363	ug/l	97
40) Benzene	6.037	78	831804	54.756	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070925\
 Data File : VX046920.D
 Acq On : 09 Jul 2025 09:44
 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

Quant Time: Jul 10 02:53:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 10 02:52:52 2025
 Response via : Initial Calibration

07/10/2025
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	143915	63.068	ug/l	97
42) 1,2-Dichloroethane	6.086	62	286274	55.497	ug/l	99
43) Isopropyl Acetate	6.336	43	372381	56.834	ug/l	100
44) Trichloroethene	7.129	130	210317	53.185	ug/l	94
45) 1,2-Dichloropropane	7.427	63	210399	54.819	ug/l	99
46) Dibromomethane	7.580	93	145470	54.704	ug/l	99
47) Bromodichloromethane	7.818	83	315438	55.553	ug/l	95
48) Methyl methacrylate	7.690	41	192745	56.972	ug/l	99
49) 1,4-Dioxane	7.653	88	44490	1134.930	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	1088733	281.553	ug/l	100
52) Toluene	8.714	92	504228	53.564	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	285184	56.277	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	322788	55.805	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	194513	55.476	ug/l	98
56) Ethyl methacrylate	9.110	69	269907	55.617	ug/l	97
57) 1,3-Dichloropropane	9.305	76	330795	54.790	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	763830	279.340	ug/l	100
59) 2-Hexanone	9.427	43	734742	286.460	ug/l	99
60) Dibromochloromethane	9.519	129	233430	55.630	ug/l	98
61) 1,2-Dibromoethane	9.604	107	191649	54.424	ug/l	100
64) Tetrachloroethene	9.269	164	168048	52.771	ug/l	97
65) Chlorobenzene	10.079	112	563873	54.528	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	197562	56.832	ug/l	99
67) Ethyl Benzene	10.189	91	975441	55.081	ug/l	100
68) m/p-Xylenes	10.299	106	739446	110.810	ug/l	99
69) o-Xylene	10.640	106	355099	55.089	ug/l	100
70) Styrene	10.652	104	624346	56.613	ug/l	100
71) Bromoform	10.793	173	145448	56.272	ug/l	99
73) Isopropylbenzene	10.957	105	945846	56.521	ug/l	99
74) N-amyl acetate	10.841	43	323042	56.808	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	253214	55.028	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	207586m	56.436	ug/l	
77) Bromobenzene	11.195	156	227398	54.554	ug/l	97
78) n-propylbenzene	11.299	91	1111327	55.075	ug/l	99
79) 2-Chlorotoluene	11.360	91	657954	55.222	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	763217	56.129	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	76991	56.170	ug/l	98
82) 4-Chlorotoluene	11.451	91	766643	55.758	ug/l	100
83) tert-Butylbenzene	11.713	119	789770	56.236	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	765021	55.663	ug/l	97
85) sec-Butylbenzene	11.890	105	960421	54.240	ug/l	100
86) p-Isopropyltoluene	12.006	119	811483	54.726	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	425860	54.628	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	430581	53.071	ug/l	98
89) n-Butylbenzene	12.329	91	749009	53.760	ug/l	99
90) Hexachloroethane	12.536	117	145438	55.329	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	407526	53.945	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44186	54.902	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	270399	52.687	ug/l	98
94) Hexachlorobutadiene	13.719	225	93649	48.386	ug/l	97
95) Naphthalene	13.774	128	768933	56.859	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	263937	54.429	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070925\
Data File : VX046920.D
Acq On : 09 Jul 2025 09:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 10 02:53:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 10 02:52:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/10/2025
Supervised By :Mahesh
Dadoda

07/10/2025

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

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

Manual Integrations

07/10/2025
Supervised By :Mahesh
Dadoda

07/10/2025

[illegible]