

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046544.D
 Acq On : 06 Jun 2025 21:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 06 23:28:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2025
 Supervised By : Mahesh Dadoda 06/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.574	168	69442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	125375	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	71274	57.691	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.380%			
35) Dibromofluoromethane	5.404	113	51535	55.895	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.780%			
50) Toluene-d8	8.653	98	169266	55.685	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.360%			
62) 4-Bromofluorobenzene	11.079	95	71019	56.469	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.179	85	54848	56.892	ug/l	98
3) Chloromethane	1.307	50	51450	58.631	ug/l	100
4) Vinyl Chloride	1.386	62	53346	60.984	ug/l	99
5) Bromomethane	1.618	94	31038	58.447	ug/l	99
6) Chloroethane	1.703	64	32831	57.846	ug/l	96
7) Trichlorofluoromethane	1.904	101	85983	59.408	ug/l	99
8) Diethyl Ether	2.148	74	31773	62.133	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.349	101	54244	59.487	ug/l	98
10) Methyl Iodide	2.471	142	65592	66.357	ug/l	99
11) Tert butyl alcohol	2.971	59	50541	368.675	ug/l	99
12) 1,1-Dichloroethene	2.337	96	50881	61.716	ug/l	100
13) Acrolein	2.252	56	46813	278.462	ug/l	98
14) Allyl chloride	2.685	41	98675	60.942	ug/l	93
15) Acrylonitrile	3.081	53	179265	345.854	ug/l	99
16) Acetone	2.392	43	159984	328.299	ug/l	96
17) Carbon Disulfide	2.532	76	103811	59.264	ug/l	98
18) Methyl Acetate	2.721	43	108816	73.945	ug/l	98
19) Methyl tert-butyl Ether	3.130	73	200391	69.464	ug/l	100
20) Methylene Chloride	2.806	84	59740	60.273	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	51654	59.203	ug/l	98
22) Diisopropyl ether	3.782	45	214513	67.198	ug/l #	82
23) Vinyl Acetate	3.739	43	855587	347.151	ug/l	99
24) 1,1-Dichloroethane	3.630	63	112228	63.080	ug/l	99
25) 2-Butanone	4.574	43	240736	350.035	ug/l	99
26) 2,2-Dichloropropane	4.495	77	52158	39.491	ug/l	95
27) cis-1,2-Dichloroethene	4.507	96	66782	62.177	ug/l	95
28) Bromochloromethane	4.916	49	45357	53.451	ug/l	97
29) Tetrahydrofuran	5.026	42	151955	349.856	ug/l	98
30) Chloroform	5.111	83	119343	64.020	ug/l	97
31) Cyclohexane	5.489	56	87910	61.207	ug/l	96
32) 1,1,1-Trichloroethane	5.404	97	103032	64.613	ug/l	98
36) 1,1-Dichloropropene	5.708	75	74282	56.402	ug/l	99
37) Ethyl Acetate	4.733	43	91955	71.538	ug/l	100
38) Carbon Tetrachloride	5.690	117	85868	58.210	ug/l	97
39) Methylcyclohexane	7.391	83	85590	55.059	ug/l	96
40) Benzene	6.056	78	225281	60.762	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046544.D
 Acq On : 06 Jun 2025 21:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2025
 Supervised By : Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 23:28:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	54293	68.018	ug/l	97
42) 1,2-Dichloroethane	6.105	62	95137	61.679	ug/l	100
43) Isopropyl Acetate	6.355	43	152519	68.062	ug/l	99
44) Trichloroethene	7.135	130	54429	57.777	ug/l	96
45) 1,2-Dichloropropane	7.440	63	60575	63.297	ug/l	96
46) Dibromomethane	7.586	93	44346	61.596	ug/l	99
47) Bromodichloromethane	7.830	83	94244	63.665	ug/l	98
48) Methyl methacrylate	7.702	41	79063	68.574	ug/l	97
49) 1,4-Dioxane	7.665	88	21649	1404.115	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	490805	344.668	ug/l	99
52) Toluene	8.720	92	139865	61.404	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	82120	61.872	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	88203	59.769	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	59203	64.744	ug/l	99
56) Ethyl methacrylate	9.122	69	96670	68.698	ug/l	97
57) 1,3-Dichloropropane	9.311	76	102195	63.241	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	219020	285.751	ug/l	99
59) 2-Hexanone	9.433	43	358714	351.243	ug/l	99
60) Dibromochloromethane	9.525	129	67772	63.009	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59380	62.317	ug/l	98
64) Tetrachloroethene	9.275	164	43299	57.157	ug/l	95
65) Chlorobenzene	10.080	112	157080	58.955	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	55278	61.396	ug/l	98
67) Ethyl Benzene	10.195	91	276138	59.367	ug/l	97
68) m/p-Xylenes	10.299	106	201148	119.214	ug/l	100
69) o-Xylene	10.640	106	99899	61.212	ug/l	98
70) Styrene	10.653	104	173768	62.200	ug/l	100
71) Bromoform	10.799	173	43402	63.222	ug/l #	96
73) Isopropylbenzene	10.964	105	269665	61.015	ug/l	100
74) N-amyl acetate	10.842	43	135298	69.515	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	90249	63.795	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75110m	63.071	ug/l	
77) Bromobenzene	11.195	156	63130	61.539	ug/l	97
78) n-propylbenzene	11.305	91	319019	59.636	ug/l	99
79) 2-Chlorotoluene	11.366	91	193777	60.070	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	223836	60.777	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23365	56.596	ug/l	99
82) 4-Chlorotoluene	11.451	91	226943	59.353	ug/l	98
83) tert-Butylbenzene	11.713	119	227998	60.813	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	226743	60.858	ug/l	100
85) sec-Butylbenzene	11.890	105	288179	59.821	ug/l	100
86) p-Isopropyltoluene	12.006	119	238973	59.505	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	116764	58.615	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	120152	58.209	ug/l	98
89) n-Butylbenzene	12.329	91	225709	57.230	ug/l	99
90) Hexachloroethane	12.536	117	41280	57.831	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	115399	60.014	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21611	68.219	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	78190	59.609	ug/l	98
94) Hexachlorobutadiene	13.725	225	32939	54.035	ug/l	99
95) Naphthalene	13.774	128	285312	68.590	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	77514	58.933	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046544.D
Acq On : 06 Jun 2025 21:26
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 23:28:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

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

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

