

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046655.D
 Acq On : 11 Jun 2025 21:53
 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 06/12/2025
 Supervised By : Mahesh Dadoda 06/12/2025

Quant Time: Jun 12 02:43:29 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)

Internal Standards						
1) Pentafluorobenzene	5.568	168	69522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	103133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	49611	40.110	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 80.220%			
35) Dibromofluoromethane	5.404	113	40535	53.445	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.900%			
50) Toluene-d8	8.653	98	145362	58.134	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 116.260%#			
62) 4-Bromofluorobenzene	11.079	95	60813	58.782	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 117.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	39098	40.509	ug/l	98
3) Chloromethane	1.307	50	32156	36.602	ug/l	98
4) Vinyl Chloride	1.386	62	31032	35.434	ug/l	98
5) Bromomethane	1.618	94	18130	34.101	ug/l	97
6) Chloroethane	1.703	64	20254	35.645	ug/l	97
7) Trichlorofluoromethane	1.904	101	61111	42.175	ug/l	93
8) Diethyl Ether	2.148	74	21872	42.722	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.349	101	43539	47.693	ug/l	94
10) Methyl Iodide	2.471	142	37855	38.252	ug/l	96
11) Tert butyl alcohol	2.971	59	34246	249.522	ug/l	100
12) 1,1-Dichloroethene	2.337	96	39877	48.313	ug/l	92
13) Acrolein	2.252	56	65736	378.493	ug/l	100
14) Allyl chloride	2.678	41	72500	44.725	ug/l	90
15) Acrylonitrile	3.081	53	133905	258.045	ug/l	99
16) Acetone	2.392	43	105301	217.410	ug/l	93
17) Carbon Disulfide	2.532	76	75379	43.039	ug/l	100
18) Methyl Acetate	2.721	43	79634	54.052	ug/l	94
19) Methyl tert-butyl Ether	3.130	73	149842	51.882	ug/l	98
20) Methylene Chloride	2.806	84	47563	47.932	ug/l	92
21) trans-1,2-Dichloroethene	3.111	96	40871	46.790	ug/l	91
22) Diisopropyl ether	3.776	45	157973	49.430	ug/l #	69
23) Vinyl Acetate	3.739	43	621965	252.069	ug/l	97
24) 1,1-Dichloroethane	3.629	63	85179	47.822	ug/l	98
25) 2-Butanone	4.574	43	169816	246.632	ug/l	93
26) 2,2-Dichloropropane	4.495	77	52636	39.807	ug/l	95
27) cis-1,2-Dichloroethene	4.507	96	53198	49.473	ug/l	89
28) Bromochloromethane	4.916	49	43944	51.726	ug/l	89
29) Tetrahydrofuran	5.019	42	104819	241.054	ug/l	97
30) Chloroform	5.111	83	83142	44.549	ug/l	96
31) Cyclohexane	5.489	56	60501	42.075	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	68755	43.068	ug/l	96
36) 1,1-Dichloropropene	5.714	75	52692	48.637	ug/l	97
37) Ethyl Acetate	4.733	43	64611	61.106	ug/l	97
38) Carbon Tetrachloride	5.690	117	63712	52.505	ug/l	99
39) Methylcyclohexane	7.391	83	64189	50.197	ug/l	95
40) Benzene	6.056	78	164135	53.817	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046655.D
 Acq On : 11 Jun 2025 21:53
 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 12 02:43:29 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 06/12/2025
 Supervised By : Mahesh Dadoda 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	37692	57.404	ug/l	92
42) 1,2-Dichloroethane	6.098	62	64771	51.048	ug/l	95
43) Isopropyl Acetate	6.355	43	86454	46.901	ug/l	96
44) Trichloroethene	7.135	130	40272	51.969	ug/l	95
45) 1,2-Dichloropropane	7.440	63	44764	56.863	ug/l	99
46) Dibromomethane	7.586	93	32508	54.891	ug/l	92
47) Bromodichloromethane	7.824	83	71205	58.475	ug/l	99
48) Methyl methacrylate	7.702	41	55006	57.997	ug/l	92
49) 1,4-Dioxane	7.665	88	13711	1081.054	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	352128	300.612	ug/l	96
52) Toluene	8.720	92	110334	58.885	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	64839	59.387	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	71622	59.000	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	47457	63.091	ug/l	97
56) Ethyl methacrylate	9.116	69	74272	64.164	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	78841	59.311	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	205760	326.346	ug/l	96
59) 2-Hexanone	9.433	43	255479	304.108	ug/l	95
60) Dibromochloromethane	9.525	129	56043	63.341	ug/l	99
61) 1,2-Dibromoethane	9.610	107	48058	61.312	ug/l	99
64) Tetrachloroethene	9.275	164	35616	48.490	ug/l	96
65) Chlorobenzene	10.079	112	128206	49.628	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46871	53.692	ug/l	100
67) Ethyl Benzene	10.195	91	218975	48.555	ug/l	94
68) m/p-Xylenes	10.299	106	165500	101.164	ug/l	95
69) o-Xylene	10.640	106	81974	51.805	ug/l	94
70) Styrene	10.653	104	143638	53.029	ug/l	96
71) Bromoform	10.799	173	37067	55.688	ug/l #	96
73) Isopropylbenzene	10.963	105	218053	47.816	ug/l	99
74) N-amyl acetate	10.842	43	96679	48.141	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	72534	49.692	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	58920m	47.950	ug/l	
77) Bromobenzene	11.195	156	53865	50.888	ug/l	90
78) n-propylbenzene	11.305	91	254380	46.086	ug/l	97
79) 2-Chlorotoluene	11.360	91	153296	46.056	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	181986	47.890	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	20218	47.463	ug/l	88
82) 4-Chlorotoluene	11.451	91	178489	45.241	ug/l	94
83) tert-Butylbenzene	11.713	119	189594	49.010	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	182501	47.473	ug/l	98
85) sec-Butylbenzene	11.890	105	235583	47.395	ug/l	98
86) p-Isopropyltoluene	12.006	119	197633	47.693	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	101736	49.496	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	101749	47.773	ug/l	98
89) n-Butylbenzene	12.329	91	182196	44.772	ug/l	98
90) Hexachloroethane	12.536	117	34625	47.012	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	100020	50.412	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15865	48.536	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	67752	50.059	ug/l	99
94) Hexachlorobutadiene	13.725	225	27650	43.960	ug/l	98
95) Naphthalene	13.774	128	227541	53.014	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	66736	49.174	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046655.D
Acq On : 11 Jun 2025 21:53
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 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

Quant Time: Jun 12 02:43:29 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

