

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048098.D
 Acq On : 09 Oct 2025 19:08
 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 10/10/2025
 Supervised By : Mahesh Dadoda 10/10/2025

Quant Time: Oct 10 01:30:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	152652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	281868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	267371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	136455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	121366	49.948	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.900%		
35) Dibromofluoromethane	5.373	113	95533	50.537	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.080%		
50) Toluene-d8	8.634	98	317892	48.600	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.200%		
62) 4-Bromofluorobenzene	11.061	95	127843	51.499	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	50191	31.752	ug/l	99
3) Chloromethane	1.300	50	60207	28.980	ug/l	99
4) Vinyl Chloride	1.380	62	65903	32.406	ug/l	98
5) Bromomethane	1.617	94	45905	35.597	ug/l	98
6) Chloroethane	1.697	64	47368	34.849	ug/l	99
7) Trichlorofluoromethane	1.898	101	110723	36.668	ug/l	100
8) Diethyl Ether	2.136	74	45294	36.669	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	65830	37.284	ug/l	99
10) Methyl Iodide	2.459	142	63935	23.218	ug/l	98
11) Tert butyl alcohol	2.940	59	41405	153.001	ug/l	100
12) 1,1-Dichloroethene	2.325	96	63648	35.094	ug/l	97
13) Acrolein	2.239	56	42216	169.284	ug/l	100
14) Allyl chloride	2.666	41	126213	33.724	ug/l	99
15) Acrylonitrile	3.056	53	192258	191.800	ug/l	99
16) Acetone	2.373	43	150415	142.371	ug/l	98
17) Carbon Disulfide	2.520	76	136658	27.524	ug/l	99
18) Methyl Acetate	2.703	43	95678	40.693	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	251454	37.980	ug/l	98
20) Methylene Chloride	2.794	84	84132	37.621	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	68064	34.858	ug/l	98
22) Diisopropyl ether	3.751	45	285264	39.330	ug/l	86
23) Vinyl Acetate	3.715	43	1089636	187.705	ug/l	100
24) 1,1-Dichloroethane	3.605	63	148909	38.626	ug/l	99
25) 2-Butanone	4.544	43	223412	169.528	ug/l	97
26) 2,2-Dichloropropane	4.471	77	109789	34.260	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	90892	38.009	ug/l	99
28) Bromochloromethane	4.885	49	70741	42.032	ug/l	99
29) Tetrahydrofuran	4.989	42	136359	171.999	ug/l	98
30) Chloroform	5.080	83	159870	41.038	ug/l	99
31) Cyclohexane	5.458	56	100523	31.307	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	127795	38.674	ug/l	99
36) 1,1-Dichloropropene	5.684	75	90209	32.658	ug/l	98
37) Ethyl Acetate	4.702	43	95833	32.402	ug/l	98
38) Carbon Tetrachloride	5.672	117	106100	35.352	ug/l	99
39) Methylcyclohexane	7.366	83	93975	29.971	ug/l	98
40) Benzene	6.025	78	298672	35.600	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048098.D
 Acq On : 09 Oct 2025 19:08
 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 10/10/2025
 Supervised By : Mahesh Dadoda 10/10/2025

Quant Time: Oct 10 01:30:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	55257	36.190	ug/l	97
42) 1,2-Dichloroethane	6.074	62	117928	36.943	ug/l	100
43) Isopropyl Acetate	6.324	43	167433	34.518	ug/l	99
44) Trichloroethene	7.110	130	70973	34.991	ug/l	100
45) 1,2-Dichloropropane	7.415	63	81976	38.159	ug/l	96
46) Dibromomethane	7.568	93	59557	38.097	ug/l	99
47) Bromodichloromethane	7.805	83	129061	40.007	ug/l	98
48) Methyl methacrylate	7.677	41	85009	35.184	ug/l	100
49) 1,4-Dioxane	7.647	88	17531	717.958	ug/l	95
51) 4-Methyl-2-Pentanone	8.555	43	493435	183.473	ug/l	99
52) Toluene	8.702	92	186637	36.108	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	120958	36.759	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	128978	36.672	ug/l	100
55) 1,1,2-Trichloroethane	9.134	97	79082	39.678	ug/l	99
56) Ethyl methacrylate	9.104	69	115474	36.892	ug/l	98
57) 1,3-Dichloropropane	9.293	76	133176	38.897	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	314836	212.953	ug/l	100
59) 2-Hexanone	9.415	43	331240	171.490	ug/l	100
60) Dibromochloromethane	9.506	129	93815	40.851	ug/l	100
61) 1,2-Dibromoethane	9.592	107	77016	37.938	ug/l	98
64) Tetrachloroethene	9.256	164	62151	35.658	ug/l	99
65) Chlorobenzene	10.061	112	212980	35.063	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	78517	37.460	ug/l	100
67) Ethyl Benzene	10.177	91	353997	33.777	ug/l	100
68) m/p-Xylenes	10.287	106	264992	67.930	ug/l	99
69) o-Xylene	10.628	106	130819	34.671	ug/l	99
70) Styrene	10.640	104	232376	35.149	ug/l	99
71) Bromoform	10.780	173	59529	38.036	ug/l #	97
73) Isopropylbenzene	10.945	105	339854	32.760	ug/l	99
74) N-amyl acetate	10.829	43	147892	31.262	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	110369	35.164	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	96516m	34.934	ug/l	
77) Bromobenzene	11.183	156	85649	33.521	ug/l	96
78) n-propylbenzene	11.286	91	397745	32.433	ug/l	99
79) 2-Chlorotoluene	11.347	91	246973	32.881	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	278356	32.658	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	31523	29.097	ug/l	99
82) 4-Chlorotoluene	11.439	91	292129	32.930	ug/l	100
83) tert-Butylbenzene	11.695	119	291624	33.423	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	282601	32.704	ug/l	99
85) sec-Butylbenzene	11.872	105	342986	33.095	ug/l	100
86) p-Isopropyltoluene	11.994	119	288117	32.838	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	156196	32.912	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	157274	32.289	ug/l	98
89) n-Butylbenzene	12.311	91	261021	32.151	ug/l	98
90) Hexachloroethane	12.518	117	54609	35.450	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	152587	33.748	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	19786	31.136	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	92634	31.524	ug/l	99
94) Hexachlorobutadiene	13.707	225	32245	32.306	ug/l	96
95) Naphthalene	13.756	128	283254	31.656	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	90316	33.041	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048098.D
Acq On : 09 Oct 2025 19:08
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 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 10 01:30:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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

Quant Time: Oct 10 01:30:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

