

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX048007.D
 Acq On : 03 Oct 2025 19:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 03 23:57:43 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	121964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	216314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	197136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	98396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	101189	52.123	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.240%			
35) Dibromofluoromethane	5.373	113	77975	53.749	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.500%			
50) Toluene-d8	8.634	98	268747	53.538	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.080%			
62) 4-Bromofluorobenzene	11.067	95	104011	54.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	64269	50.888	ug/l	99
3) Chloromethane	1.300	50	78377	47.219	ug/l	99
4) Vinyl Chloride	1.380	62	82083	50.518	ug/l	99
5) Bromomethane	1.611	94	52720	51.168	ug/l	99
6) Chloroethane	1.691	64	54620	50.296	ug/l	97
7) Trichlorofluoromethane	1.892	101	125952	52.207	ug/l	99
8) Diethyl Ether	2.136	74	52545	53.243	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	74685	52.942	ug/l	99
10) Methyl Iodide	2.453	142	104174	47.350	ug/l	99
11) Tert butyl alcohol	2.946	59	60030	277.639	ug/l	98
12) 1,1-Dichloroethene	2.325	96	73624	50.808	ug/l	99
13) Acrolein	2.239	56	62241	312.382	ug/l	99
14) Allyl chloride	2.666	41	147796	49.427	ug/l	97
15) Acrylonitrile	3.056	53	242158	302.366	ug/l	99
16) Acetone	2.373	43	189648	224.672	ug/l	99
17) Carbon Disulfide	2.514	76	178626	45.029	ug/l	99
18) Methyl Acetate	2.703	43	118258	62.951	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	291237	55.057	ug/l	99
20) Methylene Chloride	2.788	84	92949	52.021	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	80131	51.363	ug/l	98
22) Diisopropyl ether	3.757	45	317112	54.721	ug/l	98
23) Vinyl Acetate	3.715	43	1285643	277.195	ug/l	99
24) 1,1-Dichloroethane	3.605	63	165810	53.832	ug/l	99
25) 2-Butanone	4.544	43	291270	276.631	ug/l	98
26) 2,2-Dichloropropane	4.471	77	116381	45.455	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	102379	53.585	ug/l	98
28) Bromochloromethane	4.891	49	73476	54.642	ug/l	100
29) Tetrahydrofuran	4.989	42	187660	296.268	ug/l	99
30) Chloroform	5.086	83	175073	56.248	ug/l	99
31) Cyclohexane	5.458	56	120465	46.959	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	143918	54.512	ug/l	99
36) 1,1-Dichloropropene	5.684	75	105494	49.765	ug/l	98
37) Ethyl Acetate	4.702	43	127109	56.001	ug/l	99
38) Carbon Tetrachloride	5.665	117	121389	52.703	ug/l	99
39) Methylcyclohexane	7.366	83	114768	47.695	ug/l	100
40) Benzene	6.025	78	344294	53.474	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX048007.D
 Acq On : 03 Oct 2025 19:43
 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 :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 03 23:57:43 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	4.910	41	66987	57.167	ug/l	98
42) 1,2-Dichloroethane	6.080	62	131871	53.830	ug/l	98
43) Isopropyl Acetate	6.324	43	206579	55.494	ug/l	99
44) Trichloroethene	7.116	130	83248	53.481	ug/l	97
45) 1,2-Dichloropropane	7.415	63	93587	56.766	ug/l	99
46) Dibromomethane	7.568	93	67001	55.847	ug/l	99
47) Bromodichloromethane	7.805	83	140393	56.708	ug/l	96
48) Methyl methacrylate	7.677	41	105169	56.718	ug/l	99
49) 1,4-Dioxane	7.647	88	24409	1302.577	ug/l	98
51) 4-Methyl-2-Pentanone	8.561	43	630287	305.381	ug/l	100
52) Toluene	8.702	92	213298	53.771	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	138150	54.707	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	145937	54.069	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	89957	58.812	ug/l	98
56) Ethyl methacrylate	9.104	69	140282	58.399	ug/l	97
57) 1,3-Dichloropropane	9.293	76	153150	58.287	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	367023	314.582	ug/l	100
59) 2-Hexanone	9.415	43	437450	295.111	ug/l	99
60) Dibromochloromethane	9.506	129	104201	59.125	ug/l	100
61) 1,2-Dibromoethane	9.592	107	92159	59.155	ug/l	99
64) Tetrachloroethene	9.262	164	66296	51.587	ug/l	97
65) Chlorobenzene	10.061	112	242210	54.082	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	87628	56.702	ug/l	99
67) Ethyl Benzene	10.177	91	412286	53.354	ug/l	99
68) m/p-Xylenes	10.287	106	309036	107.446	ug/l	99
69) o-Xylene	10.628	106	150235	54.003	ug/l	100
70) Styrene	10.640	104	265668	54.501	ug/l	99
71) Bromoform	10.780	173	67964	58.896	ug/l #	99
73) Isopropylbenzene	10.945	105	386001	51.600	ug/l	99
74) N-amyl acetate	10.829	43	183701	53.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	130791	57.788	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	97685m	49.033	ug/l	
77) Bromobenzene	11.183	156	97069	52.685	ug/l	98
78) n-propylbenzene	11.286	91	456676	51.642	ug/l	100
79) 2-Chlorotoluene	11.347	91	281421	51.959	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	322291	52.439	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	39131	50.090	ug/l	98
82) 4-Chlorotoluene	11.439	91	330375	51.647	ug/l	99
83) tert-Butylbenzene	11.695	119	323116	51.357	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	323106	51.854	ug/l	100
85) sec-Butylbenzene	11.872	105	390181	52.211	ug/l	100
86) p-Isopropyltoluene	11.994	119	327789	51.810	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	178037	52.025	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	179124	50.999	ug/l	98
89) n-Butylbenzene	12.317	91	302237	51.628	ug/l	99
90) Hexachloroethane	12.518	117	59911	53.936	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	174153	53.416	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	25279	55.167	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	108041	50.989	ug/l	99
94) Hexachlorobutadiene	13.707	225	37259	51.768	ug/l	97
95) Naphthalene	13.756	128	355616	55.115	ug/l	99
96) 1,2,3-Trichlorobenzene	13.944	180	105613	53.582	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX048007.D
Acq On : 03 Oct 2025 19:43
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 :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 03 23:57:43 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

