

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048891.D
 Acq On : 16 Dec 2025 16:08
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 17 02:20:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 02:17:03 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/17/2025
 Supervised By :Semsettin Yesilyurt 12/17/2025

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	95579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	156299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	155152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	80240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	224650	140.614	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 281.220%#			
35) Dibromofluoromethane	5.367	113	179568	154.568	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 309.140%#			
50) Toluene-d8	8.635	98	608771	146.778	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 293.560%#			
62) 4-Bromofluorobenzene	11.061	95	217529	146.083	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 292.160%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	155693	141.545	ug/l	100
3) Chloromethane	1.301	50	191116	139.266	ug/l	100
4) Vinyl Chloride	1.380	62	170124	136.206	ug/l	100
5) Bromomethane	1.605	94	115948	138.022	ug/l	99
6) Chloroethane	1.691	64	110209	144.956	ug/l	94
7) Trichlorofluoromethane	1.892	101	249847	138.770	ug/l	100
8) Diethyl Ether	2.130	74	103321	147.492	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	139221	137.067	ug/l	97
10) Methyl Iodide	2.453	142	212427	147.512	ug/l	96
11) Tert butyl alcohol	2.947	59	75372	817.764	ug/l	99
12) 1,1-Dichloroethene	2.325	96	140528	140.772	ug/l	95
13) Acrolein	2.233	56	77274	787.849	ug/l	99
14) Allyl chloride	2.666	41	314291	151.986	ug/l	95
15) Acrylonitrile	3.050	53	406503	805.741	ug/l	99
16) Acetone	2.367	43	235655	700.229	ug/l	97
17) Carbon Disulfide	2.514	76	389552	129.318	ug/l	99
18) Methyl Acetate	2.697	43	173327	159.672	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	553767	154.480	ug/l	98
20) Methylene Chloride	2.788	84	189644	136.436	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	165838	147.871	ug/l	96
22) Diisopropyl ether	3.745	45	701306	153.809	ug/l #	92
23) Vinyl Acetate	3.709	43	2714463	814.396	ug/l #	93
24) 1,1-Dichloroethane	3.599	63	349330	145.287	ug/l	98
25) 2-Butanone	4.532	43	426443	807.824	ug/l	90
26) 2,2-Dichloropropane	4.465	77	284313	144.536	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	206827	144.044	ug/l	88
28) Bromochloromethane	4.885	49	189906	155.415	ug/l #	75
29) Tetrahydrofuran	4.977	42	303373	801.206	ug/l	86
30) Chloroform	5.080	83	339365	140.047	ug/l	99
31) Cyclohexane	5.452	56	266421	148.444	ug/l	90
32) 1,1,1-Trichloroethane	5.367	97	285862	137.343	ug/l	96
36) 1,1-Dichloropropene	5.678	75	218149	149.622	ug/l	96
37) Ethyl Acetate	4.690	43	229015	164.441	ug/l #	96
38) Carbon Tetrachloride	5.660	117	237656	136.747	ug/l	97
39) Methylcyclohexane	7.367	83	256709	156.668	ug/l	94
40) Benzene	6.019	78	699453	144.707	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048891.D
 Acq On : 16 Dec 2025 16:08
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 17 02:20:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 02:17:03 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/17/2025
 Supervised By :Semsettin Yesilyurt 12/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	119724	171.818	ug/l	91
42) 1,2-Dichloroethane	6.068	62	251096	140.172	ug/l	96
43) Isopropyl Acetate	6.318	43	347501	150.469	ug/l #	94
44) Trichloroethene	7.110	130	152929	126.890	ug/l	95
45) 1,2-Dichloropropane	7.415	63	192483	147.141	ug/l	98
46) Dibromomethane	7.562	93	123702	144.307	ug/l	94
47) Bromodichloromethane	7.805	83	279466	147.429	ug/l	99
48) Methyl methacrylate	7.671	41	188605	166.922	ug/l	93
49) 1,4-Dioxane	7.641	88	34130	3315.717	ug/l #	92
51) 4-Methyl-2-Pentanone	8.555	43	990132	766.259	ug/l	94
52) Toluene	8.702	92	414967	143.119	ug/l	97
53) t-1,3-Dichloropropene	8.958	75	284890	154.973	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	308123	154.798	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	158325	140.631	ug/l	97
56) Ethyl methacrylate	9.098	69	250884	164.447	ug/l	90
57) 1,3-Dichloropropane	9.293	76	283240	143.985	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	736654	805.681	ug/l	92
59) 2-Hexanone	9.415	43	675037	768.184	ug/l	95
60) Dibromochloromethane	9.506	129	201324	144.449	ug/l	99
61) 1,2-Dibromoethane	9.592	107	160365	145.523	ug/l	100
64) Tetrachloroethene	9.256	164	129477	129.767	ug/l	96
65) Chlorobenzene	10.061	112	462318	132.824	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.147	131	166831	134.602	ug/l	99
67) Ethyl Benzene	10.177	91	815123	138.164	ug/l	99
68) m/p-Xylenes	10.287	106	602546	277.330	ug/l	99
69) o-Xylene	10.622	106	293512	139.086	ug/l	99
70) Styrene	10.640	104	507396	142.250	ug/l	98
71) Bromoform	10.781	173	124702	134.662	ug/l	99
73) Isopropylbenzene	10.945	105	746558	136.349	ug/l	100
74) N-amyl acetate	10.823	43	338853	146.190	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	211480	131.172	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	164485m	92.820	ug/l	
77) Bromobenzene	11.183	156	186232	133.020	ug/l	95
78) n-propylbenzene	11.287	91	909238	137.060	ug/l	98
79) 2-Chlorotoluene	11.348	91	533393	130.239	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	615625	136.894	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	76312	150.225	ug/l #	87
82) 4-Chlorotoluene	11.439	91	636247	135.498	ug/l	99
83) tert-Butylbenzene	11.695	119	634657	136.609	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	622117	136.923	ug/l	100
85) sec-Butylbenzene	11.872	105	770466	134.509	ug/l	99
86) p-Isopropyltoluene	11.994	119	641678	136.685	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	346480	131.896	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	347150	125.981	ug/l	99
89) n-Butylbenzene	12.311	91	629513	140.186	ug/l	99
90) Hexachloroethane	12.518	117	132819	131.495	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	337254	129.859	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	38640	133.931	ug/l	93
93) 1,2,4-Trichlorobenzene	13.567	180	196797	131.806	ug/l	98
94) Hexachlorobutadiene	13.707	225	75024	116.362	ug/l	98
95) Naphthalene	13.756	128	532820	141.269	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	182216	135.819	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
Data File : VX048891.D
Acq On : 16 Dec 2025 16:08
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/17/2025
Supervised By :Semsettin Yesilyurt 12/17/2025

Quant Time: Dec 17 02:20:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 17 02:17:03 2025
Response via : Initial Calibration

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

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

