

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048890.D
 Acq On : 16 Dec 2025 15:04
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 17 02:20:22 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	5.544	168	74431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	128511	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	126441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	65719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	122416	98.394	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 196.780%#			
35) Dibromofluoromethane	5.367	113	97686	102.268	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 204.540%#			
50) Toluene-d8	8.635	98	354138	103.847	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 207.700%#			
62) 4-Bromofluorobenzene	11.061	95	128355	104.836	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 209.680%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	94524	110.351	ug/l	100
3) Chloromethane	1.301	50	110432	103.336	ug/l	100
4) Vinyl Chloride	1.380	62	95575	98.262	ug/l	99
5) Bromomethane	1.611	94	64948	99.279	ug/l	99
6) Chloroethane	1.697	64	60485	102.159	ug/l	92
7) Trichlorofluoromethane	1.898	101	139142	99.240	ug/l	98
8) Diethyl Ether	2.136	74	55356	101.474	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.337	101	78013	98.629	ug/l	98
10) Methyl Iodide	2.453	142	124936	111.408	ug/l	96
11) Tert butyl alcohol	2.940	59	38224	532.553	ug/l	99
12) 1,1-Dichloroethene	2.325	96	79955	102.851	ug/l	93
13) Acrolein	2.233	56	39839	521.587	ug/l	98
14) Allyl chloride	2.666	41	159150	98.830	ug/l	91
15) Acrylonitrile	3.056	53	198161	504.381	ug/l	99
16) Acetone	2.373	43	129310	493.406	ug/l	97
17) Carbon Disulfide	2.514	76	220032	93.797	ug/l	97
18) Methyl Acetate	2.697	43	88043	104.151	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	294698	105.568	ug/l	97
20) Methylene Chloride	2.788	84	100522	92.866	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	88677	101.536	ug/l	100
22) Diisopropyl ether	3.751	45	359354	101.206	ug/l	89
23) Vinyl Acetate	3.715	43	1375340	529.872	ug/l	96
24) 1,1-Dichloroethane	3.605	63	182359	97.393	ug/l	98
25) 2-Butanone	4.538	43	217539	529.177	ug/l #	89
26) 2,2-Dichloropropane	4.465	77	155831	101.729	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	113537	101.539	ug/l	91
28) Bromochloromethane	4.879	49	93543	98.305	ug/l #	80
29) Tetrahydrofuran	4.983	42	150247	509.544	ug/l	91
30) Chloroform	5.080	83	190879	101.152	ug/l	99
31) Cyclohexane	5.464	56	136405	97.597	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	159779	98.578	ug/l	95
36) 1,1-Dichloropropene	5.678	75	119692	99.844	ug/l	97
37) Ethyl Acetate	4.690	43	113965	99.525	ug/l #	97
38) Carbon Tetrachloride	5.666	117	138852	97.171	ug/l	95
39) Methylcyclohexane	7.367	83	136285	101.159	ug/l	94
40) Benzene	6.025	78	386364	97.217	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048890.D
 Acq On : 16 Dec 2025 15:04
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 17 02:20:22 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	4.897	41	60735	106.009	ug/l	94
42) 1,2-Dichloroethane	6.068	62	146264	99.306	ug/l	95
43) Isopropyl Acetate	6.318	43	194341	102.346	ug/l #	93
44) Trichloroethene	7.110	130	93184	94.036	ug/l	95
45) 1,2-Dichloropropane	7.415	63	106229	98.765	ug/l	99
46) Dibromomethane	7.562	93	72914	103.452	ug/l	95
47) Bromodichloromethane	7.805	83	162925	104.534	ug/l	98
48) Methyl methacrylate	7.677	41	102559	110.395	ug/l	92
49) 1,4-Dioxane	7.641	88	19427	2295.424	ug/l	95
51) 4-Methyl-2-Pentanone	8.555	43	560005	527.097	ug/l	94
52) Toluene	8.702	92	249407	104.619	ug/l	96
53) t-1,3-Dichloropropene	8.958	75	174138	115.209	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	176011	107.547	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	99198	107.164	ug/l	96
56) Ethyl methacrylate	9.098	69	151418	120.711	ug/l	91
57) 1,3-Dichloropropane	9.293	76	175379	108.432	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	416416	553.915	ug/l	94
59) 2-Hexanone	9.415	43	405995	561.920	ug/l	95
60) Dibromochloromethane	9.506	129	125621	109.622	ug/l	99
61) 1,2-Dibromoethane	9.592	107	101019	111.491	ug/l	99
64) Tetrachloroethene	9.256	164	79688	98.002	ug/l	97
65) Chlorobenzene	10.061	112	291240	102.673	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	105211	104.161	ug/l	99
67) Ethyl Benzene	10.177	91	503017	104.622	ug/l	99
68) m/p-Xylenes	10.287	106	377128	212.993	ug/l	100
69) o-Xylene	10.622	106	185635	107.941	ug/l	99
70) Styrene	10.634	104	318115	109.435	ug/l	99
71) Bromoform	10.781	173	79887	105.856	ug/l	99
73) Isopropylbenzene	10.945	105	466014	103.917	ug/l	99
74) N-amyl acetate	10.823	43	201982	106.394	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	132941	100.677	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	103449m	71.276	ug/l	
77) Bromobenzene	11.177	156	117484	102.457	ug/l	97
78) n-propylbenzene	11.287	91	570683	105.034	ug/l	98
79) 2-Chlorotoluene	11.348	91	334106	99.605	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	388392	105.448	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	45291	108.858	ug/l	92
82) 4-Chlorotoluene	11.433	91	399335	103.835	ug/l	99
83) tert-Butylbenzene	11.695	119	396972	104.328	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	393548	105.756	ug/l	100
85) sec-Butylbenzene	11.872	105	487318	103.874	ug/l	99
86) p-Isopropyltoluene	11.988	119	409971	106.625	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	220497	102.484	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	224147	99.317	ug/l	98
89) n-Butylbenzene	12.311	91	408653	111.110	ug/l	98
90) Hexachloroethane	12.518	117	85997	103.952	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	219550	103.216	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	25345	107.260	ug/l	92
93) 1,2,4-Trichlorobenzene	13.567	180	143447	117.302	ug/l	100
94) Hexachlorobutadiene	13.701	225	56116	106.267	ug/l	97
95) Naphthalene	13.756	128	382300	123.757	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	130490	118.754	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
Data File : VX048890.D
Acq On : 16 Dec 2025 15:04
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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

Quant Time: Dec 17 02:20:22 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

