

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048886.D
 Acq On : 16 Dec 2025 13:35
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 02:17:37 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)

Internal Standards						
1) Pentafluorobenzene	5.525	168	87574	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.738	114	157619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	141947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	65252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	1061	1.053	ug/l	98
3) Chloromethane	1.300	50	1443	1.148	ug/l	93
4) Vinyl Chloride	1.380	62	1320	1.153	ug/l #	88
6) Chloroethane	1.690	64	673	0.966	ug/l	100
7) Trichlorofluoromethane	1.892	101	1898	1.151	ug/l	84
8) Diethyl Ether	2.129	74	711	1.108	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	1082	1.163	ug/l #	88
12) 1,1-Dichloroethene	2.324	96	945	1.033	ug/l #	80
14) Allyl chloride	2.660	41	2188	1.155	ug/l	95
15) Acrylonitrile	3.062	53	2355	5.095	ug/l #	84
16) Acetone	2.373	43	1818	5.896	ug/l #	87
17) Carbon Disulfide	2.513	76	3621	1.312	ug/l #	95
18) Methyl Acetate	2.696	43	995	1.000	ug/l #	58
19) Methyl tert-butyl Ether	3.099	73	3353	1.021	ug/l	92
20) Methylene Chloride	2.788	84	1691	1.328	ug/l #	87
21) trans-1,2-Dichloroethene	3.087	96	1135	1.105	ug/l #	80
22) Diisopropyl ether	3.739	45	4178	1.000	ug/l #	81
23) Vinyl Acetate	3.714	43	14381	4.709	ug/l #	86
24) 1,1-Dichloroethane	3.586	63	2496	1.133	ug/l #	93
25) 2-Butanone	4.544	43	2067	4.273	ug/l #	84
26) 2,2-Dichloropropane	4.458	77	1840	1.021	ug/l	92
27) cis-1,2-Dichloroethene	4.470	96	1407	1.069	ug/l	87
28) Bromochloromethane	4.885	49	1021	0.912	ug/l #	58
29) Tetrahydrofuran	4.989	42	1644	4.739	ug/l #	59
30) Chloroform	5.074	83	2305	1.038	ug/l	84
32) 1,1,1-Trichloroethane	5.361	97	2161	1.133	ug/l #	48
36) 1,1-Dichloropropene	5.671	75	1492	1.015	ug/l	88
37) Ethyl Acetate	4.690	43	1587m	1.130	ug/l	
38) Carbon Tetrachloride	5.647	117	2082	1.188	ug/l	87
39) Methylcyclohexane	7.354	83	1674	1.013	ug/l	95
40) Benzene	6.013	78	5398	1.107	ug/l	91
41) Methacrylonitrile	4.922	41	553m	0.787	ug/l	
42) 1,2-Dichloroethane	6.080	62	2005m	1.110	ug/l	
43) Isopropyl Acetate	6.324	43	2260	0.970	ug/l #	70
44) Trichloroethene	7.116	130	1679	1.381	ug/l	90
45) 1,2-Dichloropropane	7.409	63	1381	1.047	ug/l #	87

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048886.D
 Acq On : 16 Dec 2025 13:35
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 02:17:37 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)
46) Dibromomethane	7.580	93	882	1.020	ug/l	86
47) Bromodichloromethane	7.805	83	1883	0.985	ug/l	98
48) Methyl methacrylate	7.683	41	922	0.809	ug/l #	88
49) 1,4-Dioxane	7.665	88	192	18.497	ug/l #	43
51) 4-Methyl-2-Pentanone	8.555	43	5968	4.580	ug/l	89
52) Toluene	8.695	92	2967	1.015	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	1581	0.853	ug/l	89
54) cis-1,3-Dichloropropene	8.348	75	1682	0.838	ug/l #	79
55) 1,1,2-Trichloroethane	9.134	97	1168	1.029	ug/l #	91
56) Ethyl methacrylate	9.104	69	1085	0.705	ug/l #	68
57) 1,3-Dichloropropane	9.293	76	1858	0.937	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.226	63	3696	4.008	ug/l	92
59) 2-Hexanone	9.421	43	4050	4.570	ug/l	83
60) Dibromochloromethane	9.506	129	1414	1.006	ug/l	97
61) 1,2-Dibromoethane	9.598	107	941	0.847	ug/l	100
64) Tetrachloroethene	9.256	164	1071	1.173	ug/l #	80
65) Chlorobenzene	10.061	112	3532	1.109	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.146	131	1156	1.019	ug/l #	63
67) Ethyl Benzene	10.177	91	5415	1.003	ug/l	89
68) m/p-Xylenes	10.280	106	3850	1.937	ug/l	98
69) o-Xylene	10.628	106	1863	0.965	ug/l	92
70) Styrene	10.640	104	3054	0.936	ug/l	91
71) Bromoform	10.786	173	942	1.112	ug/l #	83
73) Isopropylbenzene	10.945	105	4313	0.969	ug/l	100
74) N-amyl acetate	10.829	43	1750	0.928	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.195	83	1415	1.079	ug/l	96
76) 1,2,3-Trichloropropane	11.225	75	1180m	0.819	ug/l	
77) Bromobenzene	11.183	156	1139	1.000	ug/l	75
78) n-propylbenzene	11.286	91	4973	0.922	ug/l	94
79) 2-Chlorotoluene	11.347	91	3659	1.099	ug/l	95
80) 1,3,5-Trimethylbenzene	11.433	105	3552	0.971	ug/l	95
82) 4-Chlorotoluene	11.439	91	3785	0.991	ug/l	98
83) tert-Butylbenzene	11.695	119	3839	1.016	ug/l	95
84) 1,2,4-Trimethylbenzene	11.731	105	3427	0.928	ug/l	100
85) sec-Butylbenzene	11.872	105	4736	1.017	ug/l	98
86) p-Isopropyltoluene	11.993	119	3648	0.956	ug/l	89
87) 1,3-Dichlorobenzene	11.951	146	2283	1.069	ug/l	97
88) 1,4-Dichlorobenzene	12.024	146	2751m	1.228	ug/l	
89) n-Butylbenzene	12.317	91	3439	0.942	ug/l	90
90) Hexachloroethane	12.518	117	854	1.040	ug/l	98
91) 1,2-Dichlorobenzene	12.323	146	2360	1.117	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	270	1.151	ug/l	77
93) 1,2,4-Trichlorobenzene	13.566	180	1237	1.019	ug/l	96
94) Hexachlorobutadiene	13.707	225	628	1.198	ug/l	95
95) Naphthalene	13.761	128	2636	0.859	ug/l	98
96) 1,2,3-Trichlorobenzene	13.944	180	976	0.895	ug/l	97

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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

