

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047984.D
 Acq On : 03 Oct 2025 11:14
 Operator : JC/MD
 Sample : VX1003WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 03 23:43:14 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	5.538	168	147762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	245770	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	222951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	125943	53.547	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.100%			
35) Dibromofluoromethane	5.367	113	98977	60.049	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 120.100%			
50) Toluene-d8	8.628	98	348832	61.163	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 122.320%#			
62) 4-Bromofluorobenzene	11.061	95	132320	61.131	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 122.260%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.179	85	32224	21.060	ug/l	100
3) Chloromethane	1.300	50	36960	18.379	ug/l	97
4) Vinyl Chloride	1.380	62	39350	19.990	ug/l	99
5) Bromomethane	1.617	94	26245	21.025	ug/l	98
6) Chloroethane	1.697	64	24942	18.957	ug/l	98
7) Trichlorofluoromethane	1.898	101	63015	21.559	ug/l	100
8) Diethyl Ether	2.136	74	21658	18.114	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	36783	21.522	ug/l	97
10) Methyl Iodide	2.453	142	42957	16.116	ug/l	97
11) Tert butyl alcohol	2.934	59	18040	68.868	ug/l	99
12) 1,1-Dichloroethene	2.325	96	34403	19.597	ug/l	97
13) Acrolein	2.233	56	18863	78.143	ug/l	98
14) Allyl chloride	2.666	41	65322	18.031	ug/l	98
15) Acrylonitrile	3.056	53	85899	88.530	ug/l	99
16) Acetone	2.373	43	86275	84.364	ug/l	99
17) Carbon Disulfide	2.514	76	86173	17.930	ug/l	98
18) Methyl Acetate	2.697	43	41293	18.143	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	115253	17.984	ug/l	98
20) Methylene Chloride	2.788	84	40596	18.754	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	36302	19.207	ug/l	95
22) Diisopropyl ether	3.745	45	137088	19.526	ug/l	86
23) Vinyl Acetate	3.709	43	499996	88.982	ug/l	100
24) 1,1-Dichloroethane	3.605	63	74520	19.970	ug/l	98
25) 2-Butanone	4.532	43	104931	82.258	ug/l	99
26) 2,2-Dichloropropane	4.458	77	62333	20.095	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	45027	19.452	ug/l	100
28) Bromochloromethane	4.879	49	31342	19.239	ug/l	99
29) Tetrahydrofuran	4.989	42	61089	79.606	ug/l	100
30) Chloroform	5.080	83	77803	20.632	ug/l	100
31) Cyclohexane	5.458	56	60550	19.482	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	65898	20.603	ug/l	99
36) 1,1-Dichloropropene	5.678	75	50891	21.130	ug/l	99
37) Ethyl Acetate	4.696	43	43078	16.704	ug/l	99
38) Carbon Tetrachloride	5.659	117	57529	21.984	ug/l	98
39) Methylcyclohexane	7.360	83	57172	20.912	ug/l	97
40) Benzene	6.019	78	152723	20.877	ug/l	95

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41) Methacrylonitrile	4.904	41	24893	18.698	ug/l	98
42) 1,2-Dichloroethane	6.068	62	57161	20.537	ug/l	99
43) Isopropyl Acetate	6.318	43	75372	17.821	ug/l	99
44) Trichloroethene	7.110	130	37346	21.117	ug/l	94
45) 1,2-Dichloropropane	7.415	63	40904	21.837	ug/l	98
46) Dibromomethane	7.562	93	27882	20.455	ug/l	98
47) Bromodichloromethane	7.805	83	59377	21.109	ug/l	96
48) Methyl methacrylate	7.677	41	37958	18.018	ug/l	99
49) 1,4-Dioxane	7.641	88	8130	381.856	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	219496	93.602	ug/l	98
52) Toluene	8.702	92	96829	21.485	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	57493	20.038	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	63654	20.757	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	37068	21.330	ug/l	96
56) Ethyl methacrylate	9.098	69	50895	18.648	ug/l	99
57) 1,3-Dichloropropane	9.293	76	63526	21.279	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	127019	104.390	ug/l	100
59) 2-Hexanone	9.415	43	151067	89.698	ug/l	100
60) Dibromochloromethane	9.506	129	43341	21.645	ug/l	98
61) 1,2-Dibromoethane	9.592	107	36759	20.767	ug/l	98
64) Tetrachloroethene	9.256	164	30586	21.044	ug/l	99
65) Chlorobenzene	10.061	112	106189	20.965	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	36709	21.003	ug/l	97
67) Ethyl Benzene	10.177	91	182928	20.932	ug/l	99
68) m/p-Xylenes	10.281	106	137105	42.149	ug/l	100
69) o-Xylene	10.622	106	64512	20.504	ug/l	100
70) Styrene	10.634	104	115014	20.863	ug/l	99
71) Bromoform	10.780	173	26229	20.098	ug/l #	100
73) Isopropylbenzene	10.945	105	174591	20.282	ug/l	100
74) N-amyl acetate	10.823	43	66336	16.899	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	49556	19.028	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	43802m	19.107	ug/l	
77) Bromobenzene	11.183	156	42134	19.874	ug/l	99
78) n-propylbenzene	11.287	91	209489	20.587	ug/l	100
79) 2-Chlorotoluene	11.347	91	125419	20.124	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	144017	20.364	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	14426	16.048	ug/l	97
82) 4-Chlorotoluene	11.433	91	148874	20.225	ug/l	99
83) tert-Butylbenzene	11.695	119	144959	20.023	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	145374	20.275	ug/l	97
85) sec-Butylbenzene	11.872	105	182534	21.227	ug/l	100
86) p-Isopropyltoluene	11.988	119	148663	20.420	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	79191	20.110	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	81062	20.057	ug/l	99
89) n-Butylbenzene	12.317	91	142273	21.120	ug/l	97
90) Hexachloroethane	12.518	117	27278	21.341	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	75248	20.057	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	8408	15.946	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	44592	18.289	ug/l	96
94) Hexachlorobutadiene	13.707	225	17282	20.867	ug/l	98
95) Naphthalene	13.756	128	124646	16.788	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	42640	18.800	ug/l	98

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

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