

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048450.D
 Acq On : 03 Nov 2025 12:44
 Operator : JC/MD
 Sample : VX1103WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1103WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/04/2025
 Supervised By :mohammad ahmed 11/04/2025

Quant Time: Nov 04 00:11:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	167391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	243248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	213899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	125216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	118363	49.168	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.340%		
35) Dibromofluoromethane	5.367	113	82463	59.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	118.920%		
50) Toluene-d8	8.635	98	310153	50.663	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.320%		
62) 4-Bromofluorobenzene	11.061	95	115754	50.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	28587	16.742	ug/l	98
3) Chloromethane	1.301	50	18864	19.582	ug/l	94
4) Vinyl Chloride	1.380	62	41029	18.437	ug/l	96
5) Bromomethane	1.618	94	16723	20.803	ug/l	100
6) Chloroethane	1.697	64	22765	17.202	ug/l	94
7) Trichlorofluoromethane	1.898	101	63221	18.539	ug/l	97
8) Diethyl Ether	2.136	74	22209	18.020	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	33979	17.714	ug/l	98
10) Methyl Iodide	2.459	142	116804	15.143	ug/l	97
11) Tert butyl alcohol	2.934	59	16367	88.741	ug/l	100
12) 1,1-Dichloroethene	2.325	96	32177	16.515	ug/l	99
13) Acrolein	2.233	56	30780	79.953	ug/l	99
14) Allyl chloride	2.666	41	53071	16.085	ug/l	93
15) Acrylonitrile	3.056	53	70727	84.295	ug/l	99
16) Acetone	2.374	43	54019	99.007	ug/l	98
17) Carbon Disulfide	2.514	76	91991	16.467	ug/l	99
18) Methyl Acetate	2.697	43	29148	15.973	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	108511	17.392	ug/l	99
20) Methylene Chloride	2.788	84	35256	16.763	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	34558	16.699	ug/l	97
22) Diisopropyl ether	3.745	45	116390	17.234	ug/l	90
23) Vinyl Acetate	3.715	43	420032	91.365	ug/l	100
24) 1,1-Dichloroethane	3.605	63	64269	16.768	ug/l	99
25) 2-Butanone	4.538	43	85712	98.337	ug/l	99
26) 2,2-Dichloropropane	4.465	77	57945	17.559	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	47619	19.280	ug/l	93
28) Bromochloromethane	4.879	49	30971	17.830	ug/l	85
29) Tetrahydrofuran	4.989	42	58619	94.436	ug/l	96
30) Chloroform	5.080	83	75476	19.143	ug/l	95
31) Cyclohexane	5.458	56	64995	19.536	ug/l	90
32) 1,1,1-Trichloroethane	5.373	97	66453	19.092	ug/l	99
36) 1,1-Dichloropropene	5.678	75	51407	22.073	ug/l	98
37) Ethyl Acetate	4.696	43	43278	21.811	ug/l	97
38) Carbon Tetrachloride	5.666	117	58118	21.613	ug/l	99
39) Methylcyclohexane	7.367	83	57757	19.285	ug/l	94
40) Benzene	6.019	78	161903	22.755	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	21606	21.618	ug/l	96
42) 1,2-Dichloroethane	6.068	62	52847	21.088	ug/l	95
43) Isopropyl Acetate	6.318	43	71645	21.870	ug/l #	94
44) Trichloroethene	7.111	130	35651	19.125	ug/l	98
45) 1,2-Dichloropropane	7.415	63	34570	19.455	ug/l	99
46) Dibromomethane	7.562	93	26065	20.954	ug/l	98
47) Bromodichloromethane	7.806	83	57259	21.665	ug/l	99
48) Methyl methacrylate	7.678	41	32975	20.641	ug/l	97
49) 1,4-Dioxane	7.641	88	7227	398.005	ug/l	94
51) 4-Methyl-2-Pentanone	8.555	43	188925	103.625	ug/l	100
52) Toluene	8.702	92	87495	19.680	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	52024	21.717	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	54151	20.981	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	32818	20.398	ug/l	98
56) Ethyl methacrylate	9.098	69	46338	19.670	ug/l	96
57) 1,3-Dichloropropane	9.293	76	57236	20.518	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	131453	99.496	ug/l	99
59) 2-Hexanone	9.415	43	128193	108.062	ug/l	98
60) Dibromochloromethane	9.506	129	41852	21.033	ug/l	99
61) 1,2-Dibromoethane	9.592	107	34557	20.762	ug/l	99
64) Tetrachloroethene	9.257	164	34197	19.852	ug/l	96
65) Chlorobenzene	10.061	112	98457	19.980	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.147	131	35783	21.348	ug/l	98
67) Ethyl Benzene	10.177	91	168078	20.257	ug/l	99
68) m/p-Xylenes	10.287	106	127810	40.684	ug/l	99
69) o-Xylene	10.622	106	59421	19.793	ug/l	100
70) Styrene	10.640	104	104613	20.570	ug/l	99
71) Bromoform	10.781	173	26051	21.484	ug/l #	100
73) Isopropylbenzene	10.945	105	162157	17.509	ug/l	100
74) N-amyl acetate	10.823	43	58503	17.707	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	41188	17.557	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	32874m	18.256	ug/l	
77) Bromobenzene	11.177	156	39611	17.314	ug/l	98
78) n-propylbenzene	11.287	91	192825	17.615	ug/l	99
79) 2-Chlorotoluene	11.348	91	114551	17.430	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	134673	17.739	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	8777	16.867	ug/l #	74
82) 4-Chlorotoluene	11.433	91	137156	17.752	ug/l	98
83) tert-Butylbenzene	11.695	119	134749	17.434	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	135084	17.970	ug/l	99
85) sec-Butylbenzene	11.872	105	190712	19.803	ug/l	99
86) p-Isopropyltoluene	11.988	119	167323	20.551	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	85899	19.660	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	88526	19.893	ug/l	100
89) n-Butylbenzene	12.311	91	149301	19.531	ug/l	99
90) Hexachloroethane	12.518	117	27911	19.510	ug/l	92
91) 1,2-Dichlorobenzene	12.317	146	81672	20.172	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	9170	19.962	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	54589	19.539	ug/l	99
94) Hexachlorobutadiene	13.707	225	23093	19.705	ug/l	99
95) Naphthalene	13.756	128	136418	19.333	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	52342	20.625	ug/l	99

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

