

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048476.D
 Acq On : 04 Nov 2025 12:05
 Operator : JC/MD
 Sample : VX1104WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS02

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/05/2025
 Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 01:45:07 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	167270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	242904	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	206293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	96265	40.017	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.040%		
35) Dibromofluoromethane	5.373	113	74044	53.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.940%		
50) Toluene-d8	8.635	98	261531	42.781	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	85.560%#		
62) 4-Bromofluorobenzene	11.061	95	117072	51.194	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	31531	18.480	ug/l	99
3) Chloromethane	1.301	50	17582	18.264	ug/l	99
4) Vinyl Chloride	1.380	62	39526	17.775	ug/l	100
5) Bromomethane	1.618	94	13823	17.208	ug/l	98
6) Chloroethane	1.697	64	20658	15.621	ug/l	96
7) Trichlorofluoromethane	1.898	101	53189	15.609	ug/l	97
8) Diethyl Ether	2.136	74	19473	15.811	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	34559	18.030	ug/l	99
10) Methyl Iodide	2.459	142	125145	16.237	ug/l	99
11) Tert butyl alcohol	2.934	59	17355	94.166	ug/l	99
12) 1,1-Dichloroethene	2.325	96	34019	17.473	ug/l	96
13) Acrolein	2.233	56	31576	82.080	ug/l	99
14) Allyl chloride	2.666	41	55280	16.766	ug/l	96
15) Acrylonitrile	3.056	53	71853	85.699	ug/l	97
16) Acetone	2.374	43	50927	93.407	ug/l	95
17) Carbon Disulfide	2.520	76	92812	16.626	ug/l	99
18) Methyl Acetate	2.697	43	30350	16.644	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	112865	18.103	ug/l	99
20) Methylene Chloride	2.794	84	36084	17.169	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	35854	17.338	ug/l	98
22) Diisopropyl ether	3.751	45	118988	17.631	ug/l	99
23) Vinyl Acetate	3.715	43	430118	93.626	ug/l	97
24) 1,1-Dichloroethane	3.605	63	65913	17.210	ug/l	99
25) 2-Butanone	4.544	43	66357	76.186	ug/l	92
26) 2,2-Dichloropropane	4.471	77	49638	15.052	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	39088	15.837	ug/l	95
28) Bromochloromethane	4.885	49	26303	15.154	ug/l #	80
29) Tetrahydrofuran	4.989	42	53578	86.378	ug/l	95
30) Chloroform	5.086	83	71200	18.072	ug/l	97
31) Cyclohexane	5.464	56	57923	17.423	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	63739	18.325	ug/l	98
36) 1,1-Dichloropropene	5.684	75	49517	21.292	ug/l	98
37) Ethyl Acetate	4.702	43	33235	16.774	ug/l	96
38) Carbon Tetrachloride	5.666	117	56172	20.919	ug/l	98
39) Methylcyclohexane	7.367	83	46274	15.473	ug/l	90
40) Benzene	6.025	78	145733	20.512	ug/l	98

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41) Methacrylonitrile	4.910	41	20184	20.224	ug/l	97
42) 1,2-Dichloroethane	6.080	62	48863	19.525	ug/l	96
43) Isopropyl Acetate	6.318	43	67129	20.521	ug/l #	94
44) Trichloroethene	7.111	130	34488	18.527	ug/l	93
45) 1,2-Dichloropropane	7.415	63	29739	16.760	ug/l	99
46) Dibromomethane	7.568	93	20931	16.851	ug/l #	89
47) Bromodichloromethane	7.806	83	45692	17.313	ug/l	96
48) Methyl methacrylate	7.677	41	25885	16.226	ug/l	91
49) 1,4-Dioxane	7.641	88	6284	346.563	ug/l #	90
51) 4-Methyl-2-Pentanone	8.555	43	147063	80.778	ug/l	93
52) Toluene	8.702	92	77168	17.382	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	44438	18.576	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	45993	17.845	ug/l	92
55) 1,1,2-Trichloroethane	9.135	97	29699	18.486	ug/l	99
56) Ethyl methacrylate	9.098	69	41581	17.675	ug/l	91
57) 1,3-Dichloropropane	9.293	76	50688	18.196	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	108218	83.658	ug/l	95
59) 2-Hexanone	9.415	43	101148	85.385	ug/l	91
60) Dibromochloromethane	9.506	129	37626	18.936	ug/l	98
61) 1,2-Dibromoethane	9.592	107	30930	18.609	ug/l	100
64) Tetrachloroethene	9.256	164	30077	18.104	ug/l	96
65) Chlorobenzene	10.061	112	93511	19.676	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	33672	20.829	ug/l	99
67) Ethyl Benzene	10.177	91	157729	19.711	ug/l	98
68) m/p-Xylenes	10.287	106	129775	42.832	ug/l	95
69) o-Xylene	10.622	106	63000	21.759	ug/l	98
70) Styrene	10.640	104	109648	22.355	ug/l	100
71) Bromoform	10.781	173	26877	22.982	ug/l #	99
73) Isopropylbenzene	10.945	105	160685	19.825	ug/l	99
74) N-amyl acetate	10.829	43	62982	21.783	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	43685	21.279	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	33990m	21.568	ug/l	
77) Bromobenzene	11.183	156	40804	20.380	ug/l	97
78) n-propylbenzene	11.287	91	186500	19.469	ug/l	99
79) 2-Chlorotoluene	11.348	91	115499	20.081	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	132640	19.964	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	8932	19.614	ug/l #	68
82) 4-Chlorotoluene	11.433	91	138462	20.478	ug/l	98
83) tert-Butylbenzene	11.695	119	132435	19.580	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	133287	20.261	ug/l	100
85) sec-Butylbenzene	11.872	105	160537	19.048	ug/l	100
86) p-Isopropyltoluene	11.988	119	138512	19.440	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	73899	19.327	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	75561	19.402	ug/l	98
89) n-Butylbenzene	12.317	91	124805	18.656	ug/l	100
90) Hexachloroethane	12.518	117	23816	19.022	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	70276	19.833	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	8726	21.706	ug/l	89
93) 1,2,4-Trichlorobenzene	13.567	180	43736	17.888	ug/l	99
94) Hexachlorobutadiene	13.707	225	17953	17.505	ug/l	98
95) Naphthalene	13.756	128	116476	18.862	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	39272	17.683	ug/l	97

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

