

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047748.D
 Acq On : 24 Sep 2025 03:53
 Operator : JC/MD
 Sample : VX0923WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS03

Quant Time: Sep 24 05:32:49 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

Manual Integrations APPROVED

Reviewed By : John Carlone 09/24/2025
 Supervised By : Mahesh Dadoda 09/26/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	156932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	284011	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	253957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	122385	48.994	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.980%		
35) Dibromofluoromethane	5.373	113	96590	50.711	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.420%		
50) Toluene-d8	8.635	98	333541	50.607	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.220%		
62) 4-Bromofluorobenzene	11.061	95	127747	51.072	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.140%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	38327	23.585	ug/l	98
3) Chloromethane	1.301	50	46331	21.693	ug/l	95
4) Vinyl Chloride	1.380	62	46862	22.415	ug/l	97
5) Bromomethane	1.618	94	31202	23.536	ug/l	96
6) Chloroethane	1.697	64	29347	21.002	ug/l	95
7) Trichlorofluoromethane	1.898	101	64984	20.934	ug/l	98
8) Diethyl Ether	2.136	74	25934	20.423	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	38130	21.007	ug/l	100
10) Methyl Iodide	2.459	142	56731	20.040	ug/l	99
11) Tert butyl alcohol	2.941	59	29775	107.025	ug/l	100
12) 1,1-Dichloroethene	2.325	96	39463	21.165	ug/l	99
13) Acrolein	2.239	56	25496	99.449	ug/l	99
14) Allyl chloride	2.666	41	72907	18.949	ug/l	97
15) Acrylonitrile	3.056	53	116513	113.065	ug/l	99
16) Acetone	2.374	43	95237	87.685	ug/l	100
17) Carbon Disulfide	2.514	76	106524	20.869	ug/l	99
18) Methyl Acetate	2.703	43	54144	22.400	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	140115	20.586	ug/l	100
20) Methylene Chloride	2.788	84	47681	20.740	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	42881	21.362	ug/l	94
22) Diisopropyl ether	3.751	45	155798	20.894	ug/l #	82
23) Vinyl Acetate	3.715	43	617433	103.461	ug/l	100
24) 1,1-Dichloroethane	3.605	63	83274	21.012	ug/l	100
25) 2-Butanone	4.544	43	144925	106.972	ug/l	96
26) 2,2-Dichloropropane	4.471	77	42968	13.043	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	51366	20.894	ug/l	95
28) Bromochloromethane	4.891	49	33021	19.085	ug/l	100
29) Tetrahydrofuran	4.989	42	93114	114.248	ug/l	99
30) Chloroform	5.087	83	85486	21.345	ug/l	96
31) Cyclohexane	5.464	56	69116	20.939	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	71907	21.168	ug/l	99
36) 1,1-Dichloropropene	5.678	75	56214	20.197	ug/l	98
37) Ethyl Acetate	4.702	43	63237	21.220	ug/l	100
38) Carbon Tetrachloride	5.666	117	59490	19.672	ug/l	96
39) Methylcyclohexane	7.367	83	63625	20.138	ug/l	94
40) Benzene	6.025	78	176451	20.873	ug/l	98

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41) Methacrylonitrile	4.910	41	33379	21.696	ug/l	99
42) 1,2-Dichloroethane	6.074	62	65506	20.366	ug/l	98
43) Isopropyl Acetate	6.330	43	102233	20.917	ug/l	99
44) Trichloroethene	7.117	130	43438	21.254	ug/l	88
45) 1,2-Dichloropropane	7.415	63	45508	21.024	ug/l	97
46) Dibromomethane	7.568	93	32646	20.725	ug/l	97
47) Bromodichloromethane	7.806	83	67223	20.681	ug/l	99
48) Methyl methacrylate	7.678	41	49967	20.524	ug/l	97
49) 1,4-Dioxane	7.653	88	12395	503.790	ug/l	98
51) 4-Methyl-2-Pentanone	8.561	43	310191	114.468	ug/l	100
52) Toluene	8.702	92	109881	21.098	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	62267	18.780	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	67811	19.135	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	43533	21.677	ug/l	98
56) Ethyl methacrylate	9.104	69	67219	21.313	ug/l	96
57) 1,3-Dichloropropane	9.293	76	74746	21.667	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	148860	105.735	ug/l	100
59) 2-Hexanone	9.415	43	217174	111.587	ug/l	99
60) Dibromochloromethane	9.506	129	48986	21.170	ug/l	99
61) 1,2-Dibromoethane	9.592	107	45047	22.022	ug/l	99
64) Tetrachloroethene	9.256	164	35498	21.442	ug/l	100
65) Chlorobenzene	10.061	112	119644	20.738	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	41811	21.001	ug/l	99
67) Ethyl Benzene	10.177	91	206630	20.757	ug/l	99
68) m/p-Xylenes	10.287	106	156597	42.264	ug/l	98
69) o-Xylene	10.622	106	75062	20.945	ug/l	99
70) Styrene	10.640	104	129679	20.651	ug/l	99
71) Bromoform	10.781	173	31001	20.854	ug/l #	100
73) Isopropylbenzene	10.945	105	193342	20.548	ug/l	100
74) N-amyl acetate	10.829	43	88563	20.640	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	61446	21.584	ug/l	97
76) 1,2,3-Trichloropropane	11.220	75	48514m	19.360	ug/l	
77) Bromobenzene	11.183	156	48182	20.791	ug/l	97
78) n-propylbenzene	11.287	91	228489	20.542	ug/l	100
79) 2-Chlorotoluene	11.348	91	140664	20.647	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	160516	20.764	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	15843	16.123	ug/l	97
82) 4-Chlorotoluene	11.439	91	166032	20.635	ug/l	99
83) tert-Butylbenzene	11.695	119	160239	20.248	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	161967	20.665	ug/l	100
85) sec-Butylbenzene	11.872	105	196176	20.870	ug/l	99
86) p-Isopropyltoluene	11.994	119	161751	20.326	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	88665	20.598	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	90738	20.539	ug/l	99
89) n-Butylbenzene	12.311	91	148126	20.116	ug/l	98
90) Hexachloroethane	12.518	117	28222	20.199	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	84704	20.655	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	11756	20.397	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	52777	19.802	ug/l	99
94) Hexachlorobutadiene	13.707	225	18191	20.094	ug/l	98
95) Naphthalene	13.756	128	164732	20.298	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	51341	20.708	ug/l	98

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

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