

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047749.D
 Acq On : 24 Sep 2025 04:14
 Operator : JC/MD
 Sample : VX0923WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD03

Quant Time: Sep 24 05:33:55 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	5.537	168	154222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	281988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	254297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	124629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	123608	50.353	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.700%			
35) Dibromofluoromethane	5.373	113	97017	51.300	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.600%			
50) Toluene-d8	8.634	98	341263	52.151	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.300%			
62) 4-Bromofluorobenzene	11.061	95	129425	52.114	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	31354	19.633	ug/l	97
3) Chloromethane	1.300	50	38808	18.490	ug/l	99
4) Vinyl Chloride	1.380	62	37889	18.441	ug/l	98
5) Bromomethane	1.617	94	25717	19.739	ug/l	95
6) Chloroethane	1.697	64	24132	17.573	ug/l	98
7) Trichlorofluoromethane	1.898	101	53751	17.620	ug/l	92
8) Diethyl Ether	2.136	74	20543	16.462	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	30800	17.267	ug/l	98
10) Methyl Iodide	2.459	142	46724	16.795	ug/l	100
11) Tert butyl alcohol	2.940	59	25276	92.450	ug/l	99
12) 1,1-Dichloroethene	2.325	96	32967	17.992	ug/l	96
13) Acrolein	2.239	56	22043	87.491	ug/l	98
14) Allyl chloride	2.666	41	61383	16.234	ug/l	97
15) Acrylonitrile	3.062	53	99171	97.927	ug/l	98
16) Acetone	2.380	43	80974	75.863	ug/l	99
17) Carbon Disulfide	2.520	76	90054	17.953	ug/l	99
18) Methyl Acetate	2.703	43	47143	19.846	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	116727	17.451	ug/l	99
20) Methylene Chloride	2.788	84	39914	17.666	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	35110	17.798	ug/l	98
22) Diisopropyl ether	3.757	45	128843	17.583	ug/l	99
23) Vinyl Acetate	3.715	43	514138	87.666	ug/l	99
24) 1,1-Dichloroethane	3.611	63	68705	17.640	ug/l	99
25) 2-Butanone	4.544	43	120923	90.824	ug/l	95
26) 2,2-Dichloropropane	4.471	77	34586	10.683	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	43152	17.862	ug/l	94
28) Bromochloromethane	4.891	49	36933	21.721	ug/l	97
29) Tetrahydrofuran	4.995	42	77415	96.655	ug/l	99
30) Chloroform	5.086	83	70538	17.922	ug/l	95
31) Cyclohexane	5.464	56	56532	17.427	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	59999	17.972	ug/l	99
36) 1,1-Dichloropropene	5.684	75	45756	16.558	ug/l	98
37) Ethyl Acetate	4.708	43	53875	18.208	ug/l	99
38) Carbon Tetrachloride	5.666	117	49639	16.532	ug/l	94
39) Methylcyclohexane	7.366	83	52216	16.646	ug/l	97
40) Benzene	6.025	78	148339	17.674	ug/l	97

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41) Methacrylonitrile	4.910	41	28598	18.722	ug/l	96
42) 1,2-Dichloroethane	6.074	62	53538	16.765	ug/l	98
43) Isopropyl Acetate	6.324	43	88000	18.134	ug/l	100
44) Trichloroethene	7.110	130	36283	17.881	ug/l	92
45) 1,2-Dichloropropane	7.415	63	38455	17.893	ug/l	94
46) Dibromomethane	7.568	93	28033	17.924	ug/l	99
47) Bromodichloromethane	7.811	83	56375	17.468	ug/l	94
48) Methyl methacrylate	7.683	41	41895	17.332	ug/l	97
49) 1,4-Dioxane	7.647	88	10914	446.778	ug/l	96
51) 4-Methyl-2-Pentanone	8.561	43	259334	96.387	ug/l	100
52) Toluene	8.708	92	91422	17.679	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	52789	16.036	ug/l	95
54) cis-1,3-Dichloropropene	8.354	75	56367	16.020	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	36370	18.240	ug/l	97
56) Ethyl methacrylate	9.104	69	56127	17.924	ug/l	97
57) 1,3-Dichloropropane	9.293	76	63358	18.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	150794	107.686	ug/l	100
59) 2-Hexanone	9.415	43	181591	93.973	ug/l	98
60) Dibromochloromethane	9.506	129	41641	18.125	ug/l	99
61) 1,2-Dibromoethane	9.598	107	38724	19.067	ug/l	100
64) Tetrachloroethene	9.262	164	30658	18.494	ug/l	93
65) Chlorobenzene	10.061	112	102193	17.689	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	34887	17.500	ug/l	99
67) Ethyl Benzene	10.177	91	171255	17.180	ug/l	99
68) m/p-Xylenes	10.287	106	130995	35.307	ug/l	99
69) o-Xylene	10.628	106	62705	17.473	ug/l	99
70) Styrene	10.640	104	110018	17.497	ug/l	98
71) Bromoform	10.780	173	26057	17.505	ug/l #	100
73) Isopropylbenzene	10.945	105	160236	16.911	ug/l	99
74) N-amyl acetate	10.829	43	74935	17.343	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	53151	18.541	ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	45508m	18.035	ug/l	
77) Bromobenzene	11.183	156	40990	17.565	ug/l	96
78) n-propylbenzene	11.286	91	188833	16.859	ug/l	99
79) 2-Chlorotoluene	11.347	91	115965	16.904	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	133906	17.201	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	13693	13.838	ug/l	99
82) 4-Chlorotoluene	11.439	91	138107	17.045	ug/l	99
83) tert-Butylbenzene	11.701	119	133788	16.789	ug/l	100
84) 1,2,4-Trimethylbenzene	11.738	105	133626	16.931	ug/l	97
85) sec-Butylbenzene	11.872	105	162042	17.119	ug/l	99
86) p-Isopropyltoluene	11.994	119	134959	16.841	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	75401	17.395	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	75954	17.073	ug/l	98
89) n-Butylbenzene	12.317	91	121947	16.446	ug/l	99
90) Hexachloroethane	12.518	117	22920	16.291	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	72271	17.501	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	10228	17.622	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	43903	16.358	ug/l	98
94) Hexachlorobutadiene	13.707	225	15848	17.385	ug/l	96
95) Naphthalene	13.756	128	138889	16.995	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	42676	17.094	ug/l	99

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

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