

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092425\
 Data File : VX047772.D
 Acq On : 24 Sep 2025 13:59
 Operator : JC/MD
 Sample : VX0924WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Quant Time: Sep 25 01:13:33 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 09/25/2025
 Supervised By : Mahesh Dadoda 09/26/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	160966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	287921	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	264714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	135679	52.955	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.900%			
35) Dibromofluoromethane	5.367	113	107014	55.420	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.840%			
50) Toluene-d8	8.629	98	365795	54.748	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.500%			
62) 4-Bromofluorobenzene	11.061	95	141293	55.720	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.179	85	35092	21.053	ug/l	100
3) Chloromethane	1.301	50	43274	19.754	ug/l	99
4) Vinyl Chloride	1.380	62	43176	20.134	ug/l	97
5) Bromomethane	1.618	94	29555	21.735	ug/l	97
6) Chloroethane	1.697	64	28179	19.661	ug/l	97
7) Trichlorofluoromethane	1.898	101	60839	19.107	ug/l	95
8) Diethyl Ether	2.136	74	26212	20.125	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	37011	19.879	ug/l	98
10) Methyl Iodide	2.453	142	53711	18.498	ug/l	99
11) Tert butyl alcohol	2.941	59	25420	89.081	ug/l	99
12) 1,1-Dichloroethene	2.325	96	37164	19.433	ug/l	96
13) Acrolein	2.233	56	22946	87.260	ug/l	99
14) Allyl chloride	2.666	41	73616	18.654	ug/l	97
15) Acrylonitrile	3.056	53	110803	104.829	ug/l	98
16) Acetone	2.374	43	105276	94.499	ug/l	97
17) Carbon Disulfide	2.514	76	103479	19.765	ug/l	99
18) Methyl Acetate	2.697	43	51214	20.657	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	136607	19.568	ug/l	97
20) Methylene Chloride	2.788	84	47324	20.068	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	41747	20.276	ug/l	92
22) Diisopropyl ether	3.751	45	153137	20.023	ug/l	98
23) Vinyl Acetate	3.709	43	604927	98.825	ug/l	100
24) 1,1-Dichloroethane	3.599	63	79300	19.508	ug/l	98
25) 2-Butanone	4.538	43	141867	102.090	ug/l	100
26) 2,2-Dichloropropane	4.465	77	63397	18.761	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	50441	20.004	ug/l	98
28) Bromochloromethane	4.879	49	37245	20.987	ug/l	98
29) Tetrahydrofuran	4.989	42	83194	99.518	ug/l	99
30) Chloroform	5.074	83	82364	20.050	ug/l	100
31) Cyclohexane	5.452	56	64054	18.919	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	68180	19.567	ug/l	99
36) 1,1-Dichloropropene	5.678	75	52624	18.651	ug/l	98
37) Ethyl Acetate	4.690	43	59383	19.656	ug/l	98
38) Carbon Tetrachloride	5.660	117	56770	18.518	ug/l	96
39) Methylcyclohexane	7.367	83	58835	18.369	ug/l	97
40) Benzene	6.025	78	171230	19.980	ug/l	99

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41) Methacrylonitrile	4.910	41	30851	19.781	ug/l	96
42) 1,2-Dichloroethane	6.068	62	62217	19.081	ug/l	99
43) Isopropyl Acetate	6.318	43	96880	19.553	ug/l	99
44) Trichloroethene	7.104	130	41002	19.790	ug/l	98
45) 1,2-Dichloropropane	7.415	63	43710	19.919	ug/l	97
46) Dibromomethane	7.562	93	31385	19.654	ug/l	95
47) Bromodichloromethane	7.805	83	64722	19.641	ug/l	99
48) Methyl methacrylate	7.677	41	48200	19.530	ug/l	98
49) 1,4-Dioxane	7.647	88	11736	470.527	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	289193	105.270	ug/l	99
52) Toluene	8.702	92	104564	19.804	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	63962	19.030	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	70664	19.669	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	42278	20.766	ug/l	98
56) Ethyl methacrylate	9.098	69	62475	19.540	ug/l	98
57) 1,3-Dichloropropane	9.293	76	73306	20.961	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	144993	101.954	ug/l	99
59) 2-Hexanone	9.415	43	202304	102.535	ug/l	99
60) Dibromochloromethane	9.506	129	47122	20.088	ug/l	99
61) 1,2-Dibromoethane	9.592	107	44045	21.240	ug/l	100
64) Tetrachloroethene	9.256	164	32977	19.110	ug/l	98
65) Chlorobenzene	10.061	112	118026	19.626	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	40597	19.563	ug/l	99
67) Ethyl Benzene	10.177	91	197704	19.053	ug/l	99
68) m/p-Xylenes	10.287	106	148875	38.547	ug/l	99
69) o-Xylene	10.622	106	72324	19.361	ug/l	98
70) Styrene	10.634	104	126494	19.325	ug/l	98
71) Bromoform	10.781	173	30430	19.638	ug/l #	96
73) Isopropylbenzene	10.945	105	183812	18.708	ug/l	99
74) N-amyl acetate	10.829	43	84398	18.837	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	60136	20.230	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	46823m	17.894	ug/l	
77) Bromobenzene	11.183	156	47200	19.505	ug/l	97
78) n-propylbenzene	11.287	91	219305	18.882	ug/l	100
79) 2-Chlorotoluene	11.348	91	133694	18.794	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	152588	18.903	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	17467	17.023	ug/l	94
82) 4-Chlorotoluene	11.439	91	159461	18.979	ug/l	99
83) tert-Butylbenzene	11.695	119	150008	18.153	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	155933	19.053	ug/l	98
85) sec-Butylbenzene	11.872	105	184409	18.788	ug/l	100
86) p-Isopropyltoluene	11.988	119	155061	18.660	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	86052	19.145	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	86839	18.824	ug/l	97
89) n-Butylbenzene	12.311	91	143536	18.668	ug/l	98
90) Hexachloroethane	12.518	117	26384	18.084	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	83853	19.582	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	11106	18.453	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	52549	18.882	ug/l	98
94) Hexachlorobutadiene	13.707	225	17306	18.307	ug/l	99
95) Naphthalene	13.756	128	156255	18.438	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	49161	18.990	ug/l	99

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

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