

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047827.D
 Acq On : 26 Sep 2025 02:31
 Operator : JC/MD
 Sample : VX0925WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS02

Quant Time: Sep 26 03:57:13 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 09/26/2025
 Supervised By : Mahesh Dadoda 09/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	143765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	265116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	243871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	122463	53.515	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.040%			
35) Dibromofluoromethane	5.373	113	96958	54.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.060%			
50) Toluene-d8	8.635	98	329938	53.629	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.260%			
62) 4-Bromofluorobenzene	11.061	95	127538	54.622	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	32194	21.625	ug/l	98
3) Chloromethane	1.301	50	40619	20.760	ug/l	98
4) Vinyl Chloride	1.380	62	39535	20.642	ug/l	97
5) Bromomethane	1.618	94	24497	20.170	ug/l	99
6) Chloroethane	1.697	64	26384	20.611	ug/l	99
7) Trichlorofluoromethane	1.898	101	57053	20.062	ug/l	99
8) Diethyl Ether	2.136	74	24129	20.742	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	32821	19.738	ug/l	99
10) Methyl Iodide	2.453	142	41232	15.899	ug/l	99
11) Tert butyl alcohol	2.941	59	27823	109.168	ug/l	99
12) 1,1-Dichloroethene	2.325	96	35111	20.556	ug/l	94
13) Acrolein	2.240	56	21441	91.292	ug/l	95
14) Allyl chloride	2.666	41	65666	18.630	ug/l	97
15) Acrylonitrile	3.056	53	111568	118.182	ug/l	99
16) Acetone	2.374	43	92499	92.964	ug/l	98
17) Carbon Disulfide	2.514	76	92622	19.808	ug/l	99
18) Methyl Acetate	2.703	43	54785	24.741	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	130465	20.924	ug/l	98
20) Methylene Chloride	2.788	84	45408	21.560	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	38217	20.782	ug/l	100
22) Diisopropyl ether	3.751	45	145245	21.263	ug/l	85
23) Vinyl Acetate	3.715	43	571336	104.505	ug/l	97
24) 1,1-Dichloroethane	3.605	63	76371	21.035	ug/l	98
25) 2-Butanone	4.544	43	139709	112.566	ug/l	97
26) 2,2-Dichloropropane	4.465	77	37468	12.415	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	47411	21.052	ug/l	93
28) Bromochloromethane	4.891	49	32122	20.266	ug/l	98
29) Tetrahydrofuran	4.989	42	90591	121.332	ug/l	98
30) Chloroform	5.074	83	79309	21.617	ug/l	99
31) Cyclohexane	5.465	56	58277	19.272	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	63904	20.535	ug/l	99
36) 1,1-Dichloropropene	5.684	75	48788	18.778	ug/l	98
37) Ethyl Acetate	4.702	43	58192	20.919	ug/l	99
38) Carbon Tetrachloride	5.666	117	53795	19.057	ug/l	94
39) Methylcyclohexane	7.367	83	52135	17.678	ug/l	97
40) Benzene	6.025	78	161701	20.492	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	31690	22.066	ug/l	96
42) 1,2-Dichloroethane	6.074	62	59857	19.936	ug/l	96
43) Isopropyl Acetate	6.324	43	96750	21.206	ug/l	99
44) Trichloroethene	7.117	130	38306	20.079	ug/l	97
45) 1,2-Dichloropropane	7.415	63	42485	21.026	ug/l	100
46) Dibromomethane	7.568	93	31123	21.166	ug/l	97
47) Bromodichloromethane	7.806	83	62375	20.557	ug/l	99
48) Methyl methacrylate	7.678	41	45967	20.227	ug/l	96
49) 1,4-Dioxane	7.653	88	11885	517.489	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	293135	115.883	ug/l	99
52) Toluene	8.702	92	98632	20.288	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	57154	18.467	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	61851	18.697	ug/l	97
55) 1,1,2-Trichloroethane	9.135	97	40400	21.551	ug/l	97
56) Ethyl methacrylate	9.104	69	61448	20.872	ug/l	98
57) 1,3-Dichloropropane	9.293	76	69498	21.581	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	133073	101.652	ug/l	100
59) 2-Hexanone	9.415	43	205208	112.954	ug/l	99
60) Dibromochloromethane	9.506	129	46362	21.464	ug/l	100
61) 1,2-Dibromoethane	9.592	107	43013	22.527	ug/l	97
64) Tetrachloroethene	9.257	164	32183	20.244	ug/l	97
65) Chlorobenzene	10.061	112	109575	19.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	38243	20.004	ug/l	99
67) Ethyl Benzene	10.177	91	181389	18.975	ug/l	99
68) m/p-Xylenes	10.287	106	140253	39.418	ug/l	98
69) o-Xylene	10.628	106	66978	19.462	ug/l	99
70) Styrene	10.640	104	119054	19.743	ug/l	98
71) Bromoform	10.781	173	29665	20.781	ug/l #	98
73) Isopropylbenzene	10.945	105	172097	18.509	ug/l	100
74) N-amyl acetate	10.829	43	82094	19.362	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	59528	21.161	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	45089m	18.209	ug/l	
77) Bromobenzene	11.183	156	44957	19.632	ug/l	98
78) n-propylbenzene	11.287	91	202799	18.451	ug/l	100
79) 2-Chlorotoluene	11.348	91	124673	18.519	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	145509	19.048	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	14706	15.145	ug/l	98
82) 4-Chlorotoluene	11.439	91	150138	18.883	ug/l	99
83) tert-Butylbenzene	11.695	119	141812	18.134	ug/l	98
84) 1,2,4-Trimethylbenzene	11.738	105	146234	18.881	ug/l	100
85) sec-Butylbenzene	11.872	105	171520	18.466	ug/l	100
86) p-Isopropyltoluene	11.994	119	144542	18.381	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	83102	19.537	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	83133	19.043	ug/l	99
89) n-Butylbenzene	12.317	91	129751	17.832	ug/l	98
90) Hexachloroethane	12.518	117	25755	18.654	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	79663	19.658	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	11086	19.465	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	47628	18.084	ug/l	99
94) Hexachlorobutadiene	13.707	225	15861	17.730	ug/l	100
95) Naphthalene	13.756	128	152643	19.033	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	46519	18.988	ug/l	99

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

