

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047663.D
 Acq On : 19 Sep 2025 10:38
 Operator : JC/MD
 Sample : VX0919WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
 Supervised By :Mahesh Dadoda 09/22/2025

Quant Time: Sep 20 00:27:04 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

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	190485	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	337411	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	298577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	146041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	161347	53.214	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.420%			
35) Dibromofluoromethane	5.367	113	122748	54.245	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.480%			
50) Toluene-d8	8.635	98	434063	55.436	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.880%			
62) 4-Bromofluorobenzene	11.061	95	163439	55.000	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	48189	24.430	ug/l	96
3) Chloromethane	1.301	50	56662	21.857	ug/l	99
4) Vinyl Chloride	1.380	62	55247	21.771	ug/l	97
5) Bromomethane	1.618	94	36964	22.971	ug/l	93
6) Chloroethane	1.697	64	34850	20.547	ug/l	100
7) Trichlorofluoromethane	1.898	101	77725	20.628	ug/l	96
8) Diethyl Ether	2.136	74	30811	19.990	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	46477	21.095	ug/l	98
10) Methyl Iodide	2.453	142	63244	18.406	ug/l	99
11) Tert butyl alcohol	2.941	59	31950	94.614	ug/l	100
12) 1,1-Dichloroethene	2.325	96	46724	20.645	ug/l	98
13) Acrolein	2.233	56	36367	116.866	ug/l	98
14) Allyl chloride	2.666	41	90599	19.400	ug/l	98
15) Acrylonitrile	3.056	53	131021	104.748	ug/l	99
16) Acetone	2.374	43	115033	87.256	ug/l	98
17) Carbon Disulfide	2.514	76	133885	21.610	ug/l	99
18) Methyl Acetate	2.697	43	56823	19.367	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	161762	19.580	ug/l	98
20) Methylene Chloride	2.788	84	54454	19.514	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	50713	20.813	ug/l	91
22) Diisopropyl ether	3.751	45	178004	19.667	ug/l	94
23) Vinyl Acetate	3.709	43	729482	100.705	ug/l	98
24) 1,1-Dichloroethane	3.605	63	96151	19.987	ug/l	97
25) 2-Butanone	4.538	43	162542	98.842	ug/l	97
26) 2,2-Dichloropropane	4.459	77	75768	18.948	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	59674	19.998	ug/l	98
28) Bromochloromethane	4.879	49	43974	20.939	ug/l	99
29) Tetrahydrofuran	4.983	42	103814	104.940	ug/l	98
30) Chloroform	5.074	83	97368	20.030	ug/l	97
31) Cyclohexane	5.452	56	81875	20.435	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	81898	19.862	ug/l	99
36) 1,1-Dichloropropene	5.684	75	66091	19.988	ug/l	99
37) Ethyl Acetate	4.696	43	68156	19.251	ug/l	100
38) Carbon Tetrachloride	5.660	117	71209	19.821	ug/l	99
39) Methylcyclohexane	7.360	83	76946	20.500	ug/l	97
40) Benzene	6.025	78	201814	20.095	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	39044	21.362	ug/l	96
42) 1,2-Dichloroethane	6.068	62	73915	19.343	ug/l	99
43) Isopropyl Acetate	6.318	43	117690	20.269	ug/l	100
44) Trichloroethene	7.111	130	48532	19.988	ug/l	97
45) 1,2-Dichloropropane	7.409	63	51280	19.941	ug/l	99
46) Dibromomethane	7.568	93	37312	19.938	ug/l	98
47) Bromodichloromethane	7.806	83	75948	19.667	ug/l	96
48) Methyl methacrylate	7.677	41	57109	19.745	ug/l	99
49) 1,4-Dioxane	7.641	88	12922	442.088	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	340376	105.728	ug/l	99
52) Toluene	8.702	92	125521	20.286	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	75998	19.294	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	82725	19.649	ug/l	100
55) 1,1,2-Trichloroethane	9.135	97	47766	20.021	ug/l	97
56) Ethyl methacrylate	9.098	69	74891	19.988	ug/l	99
57) 1,3-Dichloropropane	9.293	76	83720	20.427	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	143078	87.280	ug/l	100
59) 2-Hexanone	9.415	43	236656	102.353	ug/l	99
60) Dibromochloromethane	9.506	129	55109	20.047	ug/l	99
61) 1,2-Dibromoethane	9.592	107	49855	20.516	ug/l	100
64) Tetrachloroethene	9.256	164	39697	20.395	ug/l	96
65) Chlorobenzene	10.061	112	134843	19.879	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	46247	19.758	ug/l	100
67) Ethyl Benzene	10.177	91	238457	20.374	ug/l	100
68) m/p-Xylenes	10.287	106	179504	41.206	ug/l	98
69) o-Xylene	10.622	106	84887	20.146	ug/l	100
70) Styrene	10.640	104	148789	20.153	ug/l	99
71) Bromoform	10.781	173	34739	19.876	ug/l #	99
73) Isopropylbenzene	10.945	105	218637	19.692	ug/l	99
74) N-amyl acetate	10.823	43	99633	19.678	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	66686	19.852	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	61556m	20.818	ug/l	
77) Bromobenzene	11.183	156	53519	19.571	ug/l	99
78) n-propylbenzene	11.287	91	260496	19.847	ug/l	99
79) 2-Chlorotoluene	11.348	91	156568	19.476	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	181815	19.931	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	21163	18.252	ug/l	97
82) 4-Chlorotoluene	11.439	91	189446	19.954	ug/l	100
83) tert-Butylbenzene	11.695	119	180209	19.298	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	184775	19.979	ug/l	99
85) sec-Butylbenzene	11.872	105	221990	20.014	ug/l	99
86) p-Isopropyltoluene	11.994	119	185890	19.796	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	99921	19.672	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	101411	19.453	ug/l	98
89) n-Butylbenzene	12.311	91	174651	20.101	ug/l	98
90) Hexachloroethane	12.518	117	31341	19.010	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	94793	19.589	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	13079	19.231	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	59106	18.794	ug/l	100
94) Hexachlorobutadiene	13.707	225	20772	19.445	ug/l	99
95) Naphthalene	13.756	128	181956	19.000	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	56854	19.434	ug/l	99

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

