

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
 Data File : VX047851.D
 Acq On : 26 Sep 2025 12:40
 Operator : JC/MD
 Sample : VX0926WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Quant Time: Sep 26 23:11:49 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 :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	157707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	267870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	239551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	114753	45.713	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.420%		
35) Dibromofluoromethane	5.367	113	91485	50.925	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.840%		
50) Toluene-d8	8.635	98	320501	51.559	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.120%		
62) 4-Bromofluorobenzene	11.061	95	121305	51.419	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	36342	22.254	ug/l	100
3) Chloromethane	1.301	50	39328	18.323	ug/l	97
4) Vinyl Chloride	1.380	62	42335	20.150	ug/l	100
5) Bromomethane	1.618	94	29068	21.818	ug/l	93
6) Chloroethane	1.697	64	27614	19.665	ug/l	99
7) Trichlorofluoromethane	1.892	101	64905	20.806	ug/l	98
8) Diethyl Ether	2.136	74	23358	18.304	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	38797	21.269	ug/l	99
10) Methyl Iodide	2.453	142	44951	15.801	ug/l	99
11) Tert butyl alcohol	2.941	59	24802	88.712	ug/l	100
12) 1,1-Dichloroethene	2.325	96	37279	19.896	ug/l	97
13) Acrolein	2.233	56	18368	71.294	ug/l	100
14) Allyl chloride	2.660	41	68228	17.646	ug/l	97
15) Acrylonitrile	3.056	53	101690	98.196	ug/l	99
16) Acetone	2.374	43	98771	90.492	ug/l	98
17) Carbon Disulfide	2.514	76	98068	19.118	ug/l	97
18) Methyl Acetate	2.697	43	48611	20.012	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	123076	17.994	ug/l	97
20) Methylene Chloride	2.782	84	42340	18.326	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	39468	19.565	ug/l	96
22) Diisopropyl ether	3.751	45	138629	18.500	ug/l	97
23) Vinyl Acetate	3.709	43	544881	90.855	ug/l	99
24) 1,1-Dichloroethane	3.599	63	76577	19.227	ug/l	98
25) 2-Butanone	4.538	43	131466	96.560	ug/l	98
26) 2,2-Dichloropropane	4.459	77	62086	18.753	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	46575	18.852	ug/l	99
28) Bromochloromethane	4.879	49	32758	18.840	ug/l	100
29) Tetrahydrofuran	4.989	42	80992	98.886	ug/l	98
30) Chloroform	5.080	83	77073	19.150	ug/l	99
31) Cyclohexane	5.452	56	64595	19.473	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	67554	19.788	ug/l	99
36) 1,1-Dichloropropene	5.678	75	52025	19.818	ug/l	98
37) Ethyl Acetate	4.696	43	53968	19.201	ug/l	99
38) Carbon Tetrachloride	5.660	117	57332	20.101	ug/l	99
39) Methylcyclohexane	7.360	83	63653	21.361	ug/l	99
40) Benzene	6.019	78	159479	20.002	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.898	41	29234	20.147	ug/l	99
42) 1,2-Dichloroethane	6.068	62	58543	19.298	ug/l	98
43) Isopropyl Acetate	6.318	43	88133	19.119	ug/l	100
44) Trichloroethene	7.111	130	39719	20.605	ug/l	95
45) 1,2-Dichloropropane	7.409	63	41112	20.137	ug/l	99
46) Dibromomethane	7.562	93	29024	19.536	ug/l	98
47) Bromodichloromethane	7.806	83	60290	19.666	ug/l	99
48) Methyl methacrylate	7.677	41	43577	18.978	ug/l	99
49) 1,4-Dioxane	7.653	88	11603	500.017	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	265813	104.002	ug/l	100
52) Toluene	8.702	92	100019	20.361	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	58594	18.737	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	64421	19.274	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	37924	20.022	ug/l	97
56) Ethyl methacrylate	9.098	69	57440	19.310	ug/l	97
57) 1,3-Dichloropropane	9.293	76	67489	20.742	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	143792	108.062	ug/l	99
59) 2-Hexanone	9.415	43	189609	103.294	ug/l	98
60) Dibromochloromethane	9.506	129	43957	20.141	ug/l	100
61) 1,2-Dibromoethane	9.592	107	39729	20.593	ug/l	100
64) Tetrachloroethene	9.256	164	32504	20.814	ug/l	97
65) Chlorobenzene	10.061	112	109315	20.087	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	37606	20.025	ug/l	97
67) Ethyl Benzene	10.177	91	189842	20.217	ug/l	99
68) m/p-Xylenes	10.281	106	141318	40.434	ug/l	99
69) o-Xylene	10.622	106	68195	20.173	ug/l	98
70) Styrene	10.640	104	117914	19.907	ug/l	98
71) Bromoform	10.781	173	27500	19.611	ug/l #	99
73) Isopropylbenzene	10.945	105	180249	19.756	ug/l	99
74) N-amyl acetate	10.823	43	76842	18.469	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	54870	19.877	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	43767m	18.012	ug/l	
77) Bromobenzene	11.183	156	42853	19.070	ug/l	96
78) n-propylbenzene	11.287	91	218982	20.303	ug/l	100
79) 2-Chlorotoluene	11.348	91	127991	19.375	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	147972	19.740	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	16089	16.886	ug/l	100
82) 4-Chlorotoluene	11.433	91	152241	19.513	ug/l	100
83) tert-Butylbenzene	11.695	119	150606	19.627	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	147983	19.472	ug/l	99
85) sec-Butylbenzene	11.872	105	187170	20.535	ug/l	100
86) p-Isopropyltoluene	11.988	119	157759	20.444	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	82229	19.701	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	82643	19.292	ug/l	99
89) n-Butylbenzene	12.311	91	147108	20.603	ug/l	99
90) Hexachloroethane	12.518	117	26635	19.660	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	78530	19.749	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	10454	18.705	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	48639	18.820	ug/l	99
94) Hexachlorobutadiene	13.707	225	18371	20.928	ug/l	99
95) Naphthalene	13.756	128	144506	18.363	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	46761	19.451	ug/l	99

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

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