

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047692.D
 Acq On : 22 Sep 2025 10:54
 Operator : JC/MD
 Sample : VX0922WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBS01

Quant Time: Sep 23 01:29:15 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 09/23/2025
 Supervised By : Mahesh Dadoda 09/24/2025

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	172067	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	311516	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	283214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	141526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	150951	55.114	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.220%			
35) Dibromofluoromethane	5.367	113	114849	54.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.940%			
50) Toluene-d8	8.628	98	397036	54.922	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.840%			
62) 4-Bromofluorobenzene	11.061	95	155877	56.816	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	46231	25.947	ug/l	98
3) Chloromethane	1.301	50	54860	23.427	ug/l	98
4) Vinyl Chloride	1.380	62	54636	23.834	ug/l	97
5) Bromomethane	1.618	94	36401	25.042	ug/l	99
6) Chloroethane	1.697	64	34677	22.634	ug/l	99
7) Trichlorofluoromethane	1.898	101	76528	22.484	ug/l	100
8) Diethyl Ether	2.136	74	29894	21.471	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	44783	22.502	ug/l	99
10) Methyl Iodide	2.453	142	63342	20.407	ug/l	99
11) Tert butyl alcohol	2.934	59	25742	84.390	ug/l	99
12) 1,1-Dichloroethene	2.325	96	45735	22.372	ug/l	97
13) Acrolein	2.233	56	30904	109.941	ug/l	98
14) Allyl chloride	2.666	41	88046	20.871	ug/l	99
15) Acrylonitrile	3.056	53	118406	104.795	ug/l	99
16) Acetone	2.374	43	107259	90.068	ug/l	99
17) Carbon Disulfide	2.514	76	130489	23.316	ug/l	98
18) Methyl Acetate	2.697	43	52517	19.816	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	155581	20.848	ug/l	99
20) Methylene Chloride	2.788	84	54900	21.779	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	49816	22.634	ug/l	95
22) Diisopropyl ether	3.745	45	177530	21.714	ug/l #	84
23) Vinyl Acetate	3.709	43	689485	105.372	ug/l	100
24) 1,1-Dichloroethane	3.599	63	95520	21.982	ug/l	97
25) 2-Butanone	4.538	43	141299	95.121	ug/l	100
26) 2,2-Dichloropropane	4.465	77	75850	20.998	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	59288	21.995	ug/l	97
28) Bromochloromethane	4.885	49	42966	22.649	ug/l	99
29) Tetrahydrofuran	4.983	42	88443	98.972	ug/l	98
30) Chloroform	5.074	83	97110	22.115	ug/l	98
31) Cyclohexane	5.452	56	79522	21.972	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	81455	21.869	ug/l	100
36) 1,1-Dichloropropene	5.678	75	64296	21.061	ug/l	99
37) Ethyl Acetate	4.690	43	62468	19.111	ug/l	99
38) Carbon Tetrachloride	5.666	117	68845	20.756	ug/l	100
39) Methylcyclohexane	7.360	83	72971	21.057	ug/l	95
40) Benzene	6.019	78	199198	21.483	ug/l	100

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41) Methacrylonitrile	4.904	41	33257	19.708	ug/l	97
42) 1,2-Dichloroethane	6.068	62	71955	20.396	ug/l	98
43) Isopropyl Acetate	6.318	43	105998	19.773	ug/l	99
44) Trichloroethene	7.104	130	48754	21.749	ug/l	96
45) 1,2-Dichloropropane	7.409	63	50730	21.367	ug/l	99
46) Dibromomethane	7.562	93	36077	20.881	ug/l	98
47) Bromodichloromethane	7.805	83	74860	20.997	ug/l	98
48) Methyl methacrylate	7.677	41	51141	19.152	ug/l	99
49) 1,4-Dioxane	7.641	88	10494	388.865	ug/l #	91
51) 4-Methyl-2-Pentanone	8.555	43	301025	101.277	ug/l	99
52) Toluene	8.702	92	120963	21.175	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	74830	20.577	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	82076	21.115	ug/l	100
55) 1,1,2-Trichloroethane	9.134	97	46109	20.933	ug/l	95
56) Ethyl methacrylate	9.098	69	70536	20.390	ug/l	98
57) 1,3-Dichloropropane	9.287	76	81692	21.589	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	144109	94.402	ug/l	100
59) 2-Hexanone	9.415	43	206129	96.561	ug/l	100
60) Dibromochloromethane	9.506	129	54546	21.491	ug/l	98
61) 1,2-Dibromoethane	9.592	107	48109	21.443	ug/l	100
64) Tetrachloroethene	9.256	164	39380	21.330	ug/l	94
65) Chlorobenzene	10.061	112	135663	21.085	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	45992	20.715	ug/l	99
67) Ethyl Benzene	10.177	91	231008	20.809	ug/l	100
68) m/p-Xylenes	10.287	106	174681	42.274	ug/l	98
69) o-Xylene	10.622	106	84047	21.029	ug/l	98
70) Styrene	10.640	104	145060	20.714	ug/l	99
71) Bromoform	10.781	173	34350	20.720	ug/l #	100
73) Isopropylbenzene	10.945	105	214088	19.897	ug/l	99
74) N-amyl acetate	10.823	43	91296	18.607	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	63541	19.519	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	49310m	17.208	ug/l	
77) Bromobenzene	11.183	156	51918	19.591	ug/l	97
78) n-propylbenzene	11.287	91	255688	20.102	ug/l	100
79) 2-Chlorotoluene	11.348	91	156071	20.034	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	175941	19.903	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	19536	17.386	ug/l	97
82) 4-Chlorotoluene	11.433	91	183613	19.956	ug/l	99
83) tert-Butylbenzene	11.695	119	177186	19.580	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	179182	19.993	ug/l	99
85) sec-Butylbenzene	11.872	105	215512	20.050	ug/l	100
86) p-Isopropyltoluene	11.988	119	179574	19.733	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	98737	20.059	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	100204	19.835	ug/l	99
89) n-Butylbenzene	12.311	91	165021	19.598	ug/l	99
90) Hexachloroethane	12.518	117	31037	19.426	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	93377	19.912	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	11708	17.764	ug/l	100
93) 1,2,4-Trichlorobenzene	13.567	180	55687	18.272	ug/l	96
94) Hexachlorobutadiene	13.707	225	19591	18.925	ug/l	99
95) Naphthalene	13.756	128	164565	17.732	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	53045	18.711	ug/l	99

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

