

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047595.D
 Acq On : 16 Sep 2025 15:21
 Operator : JC/MD
 Sample : VX0916WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Quant Time: Sep 17 06:49:54 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 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	184711	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	338431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	315471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	158261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	163682	55.672	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.340%			
35) Dibromofluoromethane	5.367	113	118111	52.038	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.080%			
50) Toluene-d8	8.635	98	399956	50.926	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.860%			
62) 4-Bromofluorobenzene	11.061	95	160691	53.912	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	34459	18.016	ug/l	98
3) Chloromethane	1.301	50	45892	18.256	ug/l	97
4) Vinyl Chloride	1.380	62	45703	18.573	ug/l	97
5) Bromomethane	1.618	94	32075	20.556	ug/l	99
6) Chloroethane	1.697	64	31358	19.066	ug/l	98
7) Trichlorofluoromethane	1.898	101	68568	18.767	ug/l	98
8) Diethyl Ether	2.136	74	28689	19.195	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	41304	19.333	ug/l	97
10) Methyl Iodide	2.453	142	58598	17.587	ug/l	99
11) Tert butyl alcohol	2.941	59	33216	101.438	ug/l	99
12) 1,1-Dichloroethene	2.325	96	41202	18.775	ug/l	94
13) Acrolein	2.233	56	28494	94.428	ug/l	98
14) Allyl chloride	2.666	41	84854	18.738	ug/l	100
15) Acrylonitrile	3.056	53	126976	104.688	ug/l	99
16) Acetone	2.374	43	107000	83.700	ug/l	98
17) Carbon Disulfide	2.514	76	108513	18.062	ug/l	97
18) Methyl Acetate	2.697	43	64398	22.635	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	163916	20.461	ug/l	99
20) Methylene Chloride	2.788	84	51674	19.096	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	46396	19.637	ug/l	98
22) Diisopropyl ether	3.751	45	178221	20.307	ug/l	96
23) Vinyl Acetate	3.709	43	702940	100.074	ug/l	100
24) 1,1-Dichloroethane	3.605	63	92195	19.764	ug/l	99
25) 2-Butanone	4.538	43	161053	100.998	ug/l	100
26) 2,2-Dichloropropane	4.459	77	70359	18.145	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	57536	19.884	ug/l	99
28) Bromochloromethane	4.879	49	41545	20.400	ug/l	97
29) Tetrahydrofuran	4.989	42	99415	103.635	ug/l	100
30) Chloroform	5.074	83	95809	20.325	ug/l	99
31) Cyclohexane	5.452	56	76578	19.710	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	80619	20.163	ug/l	99
36) 1,1-Dichloropropene	5.678	75	60495	18.240	ug/l	98
37) Ethyl Acetate	4.690	43	69032	19.440	ug/l	99
38) Carbon Tetrachloride	5.660	117	68892	19.118	ug/l	98
39) Methylcyclohexane	7.361	83	69961	18.583	ug/l	99
40) Benzene	6.019	78	194635	19.322	ug/l	98

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41) Methacrylonitrile	4.898	41	37677	20.552	ug/l	98
42) 1,2-Dichloroethane	6.068	62	73955	19.296	ug/l	98
43) Isopropyl Acetate	6.324	43	115141	19.770	ug/l	99
44) Trichloroethene	7.111	130	46658	19.159	ug/l	93
45) 1,2-Dichloropropane	7.409	63	50194	19.460	ug/l	99
46) Dibromomethane	7.562	93	36296	19.337	ug/l	97
47) Bromodichloromethane	7.806	83	74541	19.245	ug/l	98
48) Methyl methacrylate	7.678	41	57732	19.901	ug/l	99
49) 1,4-Dioxane	7.647	88	12557	428.306	ug/l	93
51) 4-Methyl-2-Pentanone	8.555	43	336358	104.165	ug/l	100
52) Toluene	8.702	92	119672	19.283	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	75494	19.108	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	82533	19.544	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	46853	19.579	ug/l	97
56) Ethyl methacrylate	9.098	69	75362	20.053	ug/l	100
57) 1,3-Dichloropropane	9.293	76	82898	20.166	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	138530	84.558	ug/l	100
59) 2-Hexanone	9.415	43	236351	101.913	ug/l	100
60) Dibromochloromethane	9.507	129	54864	19.897	ug/l	100
61) 1,2-Dibromoethane	9.592	107	49468	20.295	ug/l	99
64) Tetrachloroethene	9.257	164	37604	18.285	ug/l	99
65) Chlorobenzene	10.061	112	132692	18.515	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	46156	18.663	ug/l	99
67) Ethyl Benzene	10.177	91	230715	18.657	ug/l	100
68) m/p-Xylenes	10.287	106	172349	37.445	ug/l	99
69) o-Xylene	10.622	106	83294	18.710	ug/l	100
70) Styrene	10.640	104	145298	18.627	ug/l	100
71) Bromoform	10.781	173	34496	18.680	ug/l #	99
73) Isopropylbenzene	10.945	105	215290	17.893	ug/l	100
74) N-amyl acetate	10.823	43	100764	18.365	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	66212	18.189	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	61433m	19.172	ug/l	
77) Bromobenzene	11.183	156	52810	17.821	ug/l	98
78) n-propylbenzene	11.287	91	253278	17.807	ug/l	100
79) 2-Chlorotoluene	11.348	91	157867	18.122	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	177677	17.974	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	20595	16.391	ug/l	98
82) 4-Chlorotoluene	11.439	91	184150	17.898	ug/l	100
83) tert-Butylbenzene	11.695	119	177366	17.527	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	180139	17.974	ug/l	100
85) sec-Butylbenzene	11.872	105	215249	17.908	ug/l	100
86) p-Isopropyltoluene	11.988	119	180973	17.784	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	98122	17.827	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	98890	17.505	ug/l	98
89) n-Butylbenzene	12.311	91	169374	17.988	ug/l	98
90) Hexachloroethane	12.518	117	30747	17.210	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	95137	18.142	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	13450	18.249	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	61093	17.926	ug/l	99
94) Hexachlorobutadiene	13.707	225	20350	17.579	ug/l	98
95) Naphthalene	13.756	128	184251	17.754	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	56297	17.758	ug/l	99

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

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