

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081425\
 Data File : VX047340.D
 Acq On : 14 Aug 2025 13:36
 Operator : JC/MD
 Sample : VX0814WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

Quant Time: Aug 18 01:28:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	177483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	309392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	153431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146730	66.367	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 132.740%#			
35) Dibromofluoromethane	5.397	113	131515	68.846	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 137.700%#			
50) Toluene-d8	8.653	98	358410	57.935	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 115.860%#			
62) 4-Bromofluorobenzene	11.079	95	180727	67.789	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 135.580%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	46917	19.902	ug/l	97
3) Chloromethane	1.312	50	44267	18.983	ug/l	98
4) Vinyl Chloride	1.392	62	51915	20.710	ug/l	98
5) Bromomethane	1.629	94	25576	18.783	ug/l	98
6) Chloroethane	1.703	64	31872	19.359	ug/l	98
7) Trichlorofluoromethane	1.904	101	77248	20.666	ug/l	98
8) Diethyl Ether	2.148	74	30396	23.064	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	44164	19.611	ug/l	99
10) Methyl Iodide	2.471	142	69008	30.067	ug/l	93
11) Tert butyl alcohol	2.958	59	25244	91.138	ug/l	99
12) 1,1-Dichloroethene	2.337	96	46301	20.759	ug/l	98
13) Acrolein	2.251	56	73350	154.083	ug/l	98
14) Allyl chloride	2.678	41	84055	20.848	ug/l	97
15) Acrylonitrile	3.080	53	127069	120.510	ug/l	99
16) Acetone	2.392	43	119683	135.131	ug/l	97
17) Carbon Disulfide	2.526	76	121430	18.819	ug/l	97
18) Methyl Acetate	2.715	43	68417	29.068	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	158110	23.292	ug/l	99
20) Methylene Chloride	2.800	84	55532	22.791	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	49550	21.709	ug/l	95
22) Diisopropyl ether	3.769	45	179901	23.208	ug/l	96
23) Vinyl Acetate	3.733	43	729317	117.304	ug/l	100
24) 1,1-Dichloroethane	3.623	63	96206	22.319	ug/l	96
25) 2-Butanone	4.574	43	154380	119.709	ug/l	100
26) 2,2-Dichloropropane	4.483	77	72336	21.679	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	61126	22.616	ug/l	97
28) Bromochloromethane	4.909	49	46830	23.615	ug/l	97
29) Tetrahydrofuran	5.031	42	91481	109.942	ug/l	96
30) Chloroform	5.104	83	100701	22.950	ug/l	98
31) Cyclohexane	5.476	56	76508	18.511	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	83604	21.937	ug/l	100
36) 1,1-Dichloropropene	5.702	75	65795	20.206	ug/l	99
37) Ethyl Acetate	4.726	43	76474	25.487	ug/l	97
38) Carbon Tetrachloride	5.690	117	70544	20.298	ug/l	96
39) Methylcyclohexane	7.385	83	70547	17.352	ug/l	98
40) Benzene	6.049	78	209239	22.204	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	32835	20.929	ug/l	93
42) 1,2-Dichloroethane	6.092	62	77425	23.324	ug/l	98
43) Isopropyl Acetate	6.348	43	109057	23.314	ug/l	99
44) Trichloroethene	7.135	130	52171	21.589	ug/l	99
45) 1,2-Dichloropropane	7.433	63	52907	22.416	ug/l	100
46) Dibromomethane	7.586	93	40575	24.515	ug/l	98
47) Bromodichloromethane	7.823	83	79249	22.495	ug/l	97
48) Methyl methacrylate	7.695	41	56418	22.140	ug/l	98
49) 1,4-Dioxane	7.683	88	10928	377.050	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	336149	120.902	ug/l	98
52) Toluene	8.720	92	131175	22.638	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	71110	21.375	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	79478	21.828	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	52091	23.971	ug/l	97
56) Ethyl methacrylate	9.116	69	76081	23.650	ug/l	99
57) 1,3-Dichloropropane	9.311	76	90336	23.920	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	168473	94.111	ug/l	99
59) 2-Hexanone	9.433	43	232650	126.652	ug/l	99
60) Dibromochloromethane	9.518	129	59949	23.522	ug/l	100
61) 1,2-Dibromoethane	9.610	107	52259	22.999	ug/l	97
64) Tetrachloroethene	9.274	164	41562	20.156	ug/l	97
65) Chlorobenzene	10.079	112	144783	21.606	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	51325	22.750	ug/l	95
67) Ethyl Benzene	10.195	91	246122	21.007	ug/l	99
68) m/p-Xylenes	10.299	106	188041	42.887	ug/l	99
69) o-Xylene	10.640	106	91547	21.948	ug/l	98
70) Styrene	10.652	104	160041	22.376	ug/l	98
71) Bromoform	10.799	173	39385	22.981	ug/l #	100
73) Isopropylbenzene	10.963	105	234111	19.340	ug/l	99
74) N-amyl acetate	10.841	43	94409	19.330	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	76763	22.201	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	59155m	20.830	ug/l	
77) Bromobenzene	11.195	156	60103	20.701	ug/l	96
78) n-propylbenzene	11.305	91	280433	19.387	ug/l	99
79) 2-Chlorotoluene	11.359	91	174626	20.196	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	196717	19.671	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9744	8.840	ug/l	96
82) 4-Chlorotoluene	11.451	91	204032	20.216	ug/l	98
83) tert-Butylbenzene	11.713	119	191302	19.059	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	201283	20.179	ug/l	98
85) sec-Butylbenzene	11.890	105	234976	18.736	ug/l	98
86) p-Isopropyltoluene	12.006	119	197817	19.021	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	113680	20.607	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	116097	20.772	ug/l	98
89) n-Butylbenzene	12.329	91	179314	18.385	ug/l	100
90) Hexachloroethane	12.536	117	35141	18.888	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	108355	20.551	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	14364	21.642	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	69200	19.865	ug/l	100
94) Hexachlorobutadiene	13.725	225	22998	19.412	ug/l	96
95) Naphthalene	13.774	128	211420	20.702	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	66400	19.785	ug/l	98

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

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