

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
 Data File : VX047574.D
 Acq On : 02 Sep 2025 11:34
 Operator : JC/MD
 Sample : VX0902WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0902WBS01

Quant Time: Sep 03 02:12:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/03/2025
 Supervised By : Mahesh Dadoda 09/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	247675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	429934	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	393380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	195809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	182588	48.006	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.020%		
35) Dibromofluoromethane	5.391	113	144976	49.131	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.260%		
50) Toluene-d8	8.647	98	511535	49.457	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.920%		
62) 4-Bromofluorobenzene	11.079	95	193167	49.713	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	47261	17.425	ug/l	99
3) Chloromethane	1.313	50	49604	16.745	ug/l	98
4) Vinyl Chloride	1.392	62	59180	16.995	ug/l	98
5) Bromomethane	1.630	94	30287	20.108	ug/l	85
6) Chloroethane	1.709	64	37624	17.006	ug/l	95
7) Trichlorofluoromethane	1.904	101	89413	18.053	ug/l	98
8) Diethyl Ether	2.148	74	34448	17.529	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	53802	18.240	ug/l	99
10) Methyl Iodide	2.471	142	76084	15.582	ug/l	98
11) Tert butyl alcohol	2.959	59	25209	72.110	ug/l	98
12) 1,1-Dichloroethene	2.337	96	54517	17.430	ug/l	97
13) Acrolein	2.245	56	68275	97.425	ug/l	99
14) Allyl chloride	2.678	41	99490	17.363	ug/l	100
15) Acrylonitrile	3.081	53	132462	84.676	ug/l	99
16) Acetone	2.386	43	133307	88.499	ug/l	100
17) Carbon Disulfide	2.526	76	157052	16.886	ug/l	99
18) Methyl Acetate	2.715	43	61469	16.552	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	173730	17.017	ug/l	99
20) Methylene Chloride	2.800	84	62474	16.299	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	59129	17.764	ug/l	98
22) Diisopropyl ether	3.770	45	208236	18.044	ug/l	97
23) Vinyl Acetate	3.733	43	805150	85.681	ug/l	99
24) 1,1-Dichloroethane	3.623	63	111142	17.332	ug/l	99
25) 2-Butanone	4.562	43	166708	84.096	ug/l	100
26) 2,2-Dichloropropane	4.483	77	84893	18.316	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	71921	17.735	ug/l	99
28) Bromochloromethane	4.904	49	57591	20.812	ug/l	99
29) Tetrahydrofuran	5.019	42	98292	79.900	ug/l	98
30) Chloroform	5.099	83	117371	17.975	ug/l	96
31) Cyclohexane	5.477	56	95647	17.885	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	96201	18.083	ug/l	99
36) 1,1-Dichloropropene	5.702	75	77775	18.520	ug/l	100
37) Ethyl Acetate	4.727	43	68345	16.512	ug/l	97
38) Carbon Tetrachloride	5.684	117	84519	18.139	ug/l	97
39) Methylcyclohexane	7.385	83	87634	18.095	ug/l	94
40) Benzene	6.044	78	243295	18.147	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	37587	19.174	ug/l	98
42) 1,2-Dichloroethane	6.092	62	85232	17.660	ug/l	98
43) Isopropyl Acetate	6.342	43	113256	17.029	ug/l	100
44) Trichloroethene	7.129	130	60161	18.111	ug/l	100
45) 1,2-Dichloropropane	7.434	63	61492	18.209	ug/l	97
46) Dibromomethane	7.586	93	44529	17.912	ug/l	99
47) Bromodichloromethane	7.824	83	91617	18.020	ug/l	98
48) Methyl methacrylate	7.696	41	59058	17.262	ug/l	97
49) 1,4-Dioxane	7.671	88	11094	327.798	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	341778	86.975	ug/l	99
52) Toluene	8.720	92	151563	18.550	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	83333	18.194	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	92752	18.276	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	58449	18.338	ug/l	92
56) Ethyl methacrylate	9.116	69	81875	17.352	ug/l	98
57) 1,3-Dichloropropane	9.305	76	99157	17.968	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	183652	91.509	ug/l	98
59) 2-Hexanone	9.427	43	239078	89.059	ug/l	99
60) Dibromochloromethane	9.519	129	69157	18.162	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57971	17.872	ug/l	100
64) Tetrachloroethene	9.275	164	49003	18.594	ug/l	98
65) Chlorobenzene	10.079	112	167650	18.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	58439	18.714	ug/l	99
67) Ethyl Benzene	10.195	91	284944	18.414	ug/l	97
68) m/p-Xylenes	10.299	106	219733	38.231	ug/l	99
69) o-Xylene	10.640	106	105113	18.985	ug/l	98
70) Styrene	10.653	104	183861	19.138	ug/l	98
71) Bromoform	10.799	173	43571	18.324	ug/l #	100
73) Isopropylbenzene	10.957	105	268112	18.608	ug/l	100
74) N-amyl acetate	10.842	43	101428	17.047	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	79595	17.475	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	62887m	17.995	ug/l	
77) Bromobenzene	11.195	156	67393	18.284	ug/l	96
78) n-propylbenzene	11.299	91	321826	18.760	ug/l	100
79) 2-Chlorotoluene	11.360	91	194615	18.293	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	221124	18.770	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12766	19.737	ug/l	98
82) 4-Chlorotoluene	11.451	91	232631	18.636	ug/l	100
83) tert-Butylbenzene	11.713	119	218868	18.430	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	226901	18.895	ug/l	99
85) sec-Butylbenzene	11.890	105	268986	18.824	ug/l	99
86) p-Isopropyltoluene	12.006	119	224977	18.782	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	125725	18.295	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	128617	18.127	ug/l	98
89) n-Butylbenzene	12.329	91	201756	18.249	ug/l	99
90) Hexachloroethane	12.536	117	39663	18.013	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	121436	18.033	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14052	16.726	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	73252	17.846	ug/l	99
94) Hexachlorobutadiene	13.725	225	24426	17.120	ug/l	99
95) Naphthalene	13.774	128	204433	17.038	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	68218	17.693	ug/l	97

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

