

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
 Data File : VX047601.D
 Acq On : 17 Sep 2025 08:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 18 01:54:33 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 09/18/2025
 Supervised By : Mahesh Dadoda 09/18/2025

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	203321	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	347822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	296232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	138326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	156158	48.251	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.500%		
35) Dibromofluoromethane	5.361	113	122336	52.444	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.880%		
50) Toluene-d8	8.629	98	414115	51.305	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.620%		
62) 4-Bromofluorobenzene	11.061	95	155790	50.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	119481	56.749	ug/l	99
3) Chloromethane	1.301	50	140740	50.862	ug/l	100
4) Vinyl Chloride	1.380	62	151331	55.869	ug/l	100
5) Bromomethane	1.618	94	92690	53.964	ug/l	96
6) Chloroethane	1.697	64	97613	53.918	ug/l	97
7) Trichlorofluoromethane	1.892	101	232711	57.862	ug/l	96
8) Diethyl Ether	2.136	74	86715	52.708	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	138693	58.976	ug/l	99
10) Methyl Iodide	2.453	142	184404	50.278	ug/l	98
11) Tert butyl alcohol	2.941	59	88953	246.787	ug/l	99
12) 1,1-Dichloroethene	2.319	96	134210	55.558	ug/l	96
13) Acrolein	2.233	56	93978	282.934	ug/l	98
14) Allyl chloride	2.660	41	260381	52.235	ug/l	99
15) Acrylonitrile	3.050	53	346249	259.342	ug/l	100
16) Acetone	2.368	43	412272	292.978	ug/l	100
17) Carbon Disulfide	2.514	76	343597	51.957	ug/l	99
18) Methyl Acetate	2.697	43	176029	56.209	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	457213	51.848	ug/l	98
20) Methylene Chloride	2.788	84	149231	50.101	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	139328	53.572	ug/l	99
22) Diisopropyl ether	3.745	45	503750	52.144	ug/l	90
23) Vinyl Acetate	3.709	43	1974431	255.362	ug/l	99
24) 1,1-Dichloroethane	3.599	63	271584	52.891	ug/l	100
25) 2-Butanone	4.532	43	461527	262.937	ug/l	99
26) 2,2-Dichloropropane	4.465	77	232006	54.356	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	164885	51.768	ug/l	99
28) Bromochloromethane	4.879	49	117231	52.297	ug/l	100
29) Tetrahydrofuran	4.983	42	259287	245.552	ug/l	99
30) Chloroform	5.074	83	269634	51.965	ug/l	99
31) Cyclohexane	5.452	56	228628	53.460	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	236638	53.767	ug/l	100
36) 1,1-Dichloropropene	5.672	75	179063	52.533	ug/l	98
37) Ethyl Acetate	4.690	43	185174	50.738	ug/l	98
38) Carbon Tetrachloride	5.660	117	202037	54.553	ug/l	96
39) Methylcyclohexane	7.361	83	224624	58.054	ug/l	98
40) Benzene	6.019	78	543983	52.544	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.898	41	97332	51.658	ug/l	98
42) 1,2-Dichloroethane	6.068	62	200768	50.968	ug/l	100
43) Isopropyl Acetate	6.318	43	302179	50.484	ug/l	100
44) Trichloroethene	7.104	130	134308	53.660	ug/l	99
45) 1,2-Dichloropropane	7.409	63	137917	52.025	ug/l	100
46) Dibromomethane	7.562	93	97841	50.718	ug/l	98
47) Bromodichloromethane	7.806	83	210363	52.844	ug/l	98
48) Methyl methacrylate	7.671	41	149698	50.209	ug/l	99
49) 1,4-Dioxane	7.641	88	32423	1076.055	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	837167	252.257	ug/l	100
52) Toluene	8.702	92	328796	51.549	ug/l	98
53) t-1,3-Dichloropropene	8.958	75	209983	51.714	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	226019	52.078	ug/l	97
55) 1,1,2-Trichloroethane	9.135	97	123219	50.100	ug/l	99
56) Ethyl methacrylate	9.098	69	201937	52.281	ug/l	98
57) 1,3-Dichloropropane	9.287	76	215669	51.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	485057	261.994	ug/l	100
59) 2-Hexanone	9.415	43	595228	249.728	ug/l	99
60) Dibromochloromethane	9.500	129	147809	52.158	ug/l	99
61) 1,2-Dibromoethane	9.592	107	127323	50.826	ug/l	100
64) Tetrachloroethene	9.257	164	104642	54.187	ug/l	98
65) Chlorobenzene	10.061	112	353279	52.495	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	124449	53.589	ug/l	100
67) Ethyl Benzene	10.177	91	632906	54.505	ug/l	99
68) m/p-Xylenes	10.281	106	469648	108.664	ug/l	100
69) o-Xylene	10.622	106	224265	53.647	ug/l	100
70) Styrene	10.634	104	388352	53.018	ug/l	100
71) Bromoform	10.781	173	92500	53.344	ug/l #	99
73) Isopropylbenzene	10.945	105	597002	56.769	ug/l	100
74) N-amyl acetate	10.823	43	255134	53.201	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	167142	52.532	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	134404m	47.990	ug/l	
77) Bromobenzene	11.177	156	139045	53.683	ug/l	98
78) n-propylbenzene	11.287	91	700672	56.362	ug/l	100
79) 2-Chlorotoluene	11.348	91	414287	54.410	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	480850	55.653	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	58064	52.870	ug/l	97
82) 4-Chlorotoluene	11.433	91	491100	54.611	ug/l	100
83) tert-Butylbenzene	11.695	119	497751	56.276	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	478593	54.636	ug/l	100
85) sec-Butylbenzene	11.872	105	604477	57.537	ug/l	100
86) p-Isopropyltoluene	11.988	119	502524	56.500	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	254401	52.880	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	258994	52.453	ug/l	100
89) n-Butylbenzene	12.311	91	478143	58.099	ug/l	99
90) Hexachloroethane	12.518	117	89396	57.248	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	244300	53.301	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	34194	53.081	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	164946	55.373	ug/l	98
94) Hexachlorobutadiene	13.707	225	59191	58.500	ug/l	99
95) Naphthalene	13.756	128	470770	51.900	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	152049	54.873	ug/l	100

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

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