

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
 Data File : VX047848.D
 Acq On : 26 Sep 2025 10:54
 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 26 23:09:54 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 :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	157794	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	276647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	247479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	121207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	107344	42.738	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.480%		
35) Dibromofluoromethane	5.367	113	84741	45.674	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.340%		
50) Toluene-d8	8.635	98	292845	45.615	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.240%#		
62) 4-Bromofluorobenzene	11.061	95	111037	45.573	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	88239	54.003	ug/l	97
3) Chloromethane	1.301	50	100700	46.892	ug/l	99
4) Vinyl Chloride	1.380	62	106084	50.464	ug/l	99
5) Bromomethane	1.611	94	68379	51.297	ug/l	98
6) Chloroethane	1.691	64	68194	48.536	ug/l	97
7) Trichlorofluoromethane	1.892	101	154597	49.530	ug/l	99
8) Diethyl Ether	2.136	74	61635	48.272	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	91702	50.245	ug/l	100
10) Methyl Iodide	2.453	142	120982	42.503	ug/l	99
11) Tert butyl alcohol	2.947	59	66836	238.927	ug/l	100
12) 1,1-Dichloroethene	2.319	96	91589	48.854	ug/l	97
13) Acrolein	2.233	56	110624	429.141	ug/l	99
14) Allyl chloride	2.660	41	177573	45.901	ug/l	97
15) Acrylonitrile	3.056	53	267774	258.431	ug/l	99
16) Acetone	2.373	43	251108	229.934	ug/l	97
17) Carbon Disulfide	2.514	76	243456	47.436	ug/l	96
18) Methyl Acetate	2.697	43	127806	52.586	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	326134	47.655	ug/l	99
20) Methylene Chloride	2.788	84	109790	47.494	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	98516	48.809	ug/l	98
22) Diisopropyl ether	3.751	45	357465	47.678	ug/l	98
23) Vinyl Acetate	3.709	43	1472440	245.383	ug/l	99
24) 1,1-Dichloroethane	3.599	63	191224	47.986	ug/l	99
25) 2-Butanone	4.538	43	338581	248.547	ug/l	99
26) 2,2-Dichloropropane	4.465	77	155237	46.863	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	119849	48.485	ug/l	98
28) Bromochloromethane	4.879	49	91289	52.474	ug/l	99
29) Tetrahydrofuran	4.983	42	206735	252.272	ug/l	99
30) Chloroform	5.074	83	196223	48.728	ug/l	99
31) Cyclohexane	5.458	56	153928	46.378	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	165667	48.502	ug/l	99
36) 1,1-Dichloropropene	5.678	75	130770	48.235	ug/l	98
37) Ethyl Acetate	4.690	43	139492	48.054	ug/l	98
38) Carbon Tetrachloride	5.660	117	140270	47.619	ug/l	97
39) Methylcyclohexane	7.367	83	149967	48.731	ug/l	98
40) Benzene	6.019	78	403608	49.015	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	75759	50.553	ug/l	99
42) 1,2-Dichloroethane	6.068	62	146085	46.627	ug/l	99
43) Isopropyl Acetate	6.318	43	229571	48.221	ug/l	99
44) Trichloroethene	7.104	130	98849	49.654	ug/l	99
45) 1,2-Dichloropropane	7.409	63	102880	48.793	ug/l	98
46) Dibromomethane	7.562	93	75143	48.974	ug/l	98
47) Bromodichloromethane	7.805	83	155070	48.976	ug/l	96
48) Methyl methacrylate	7.671	41	116497	49.126	ug/l	97
49) 1,4-Dioxane	7.647	88	30796	1285.010	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	682647	258.618	ug/l	99
52) Toluene	8.702	92	248201	48.925	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	157262	48.694	ug/l	97
54) cis-1,3-Dichloropropene	8.348	75	168348	48.769	ug/l	100
55) 1,1,2-Trichloroethane	9.134	97	97629	49.908	ug/l	99
56) Ethyl methacrylate	9.098	69	157769	51.355	ug/l	95
57) 1,3-Dichloropropane	9.293	76	168474	50.135	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	386885	262.682	ug/l	99
59) 2-Hexanone	9.415	43	484906	255.784	ug/l	99
60) Dibromochloromethane	9.506	129	115156	51.091	ug/l	100
61) 1,2-Dibromoethane	9.592	107	101479	50.931	ug/l	100
64) Tetrachloroethene	9.256	164	77979	48.335	ug/l	97
65) Chlorobenzene	10.061	112	274907	48.896	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	95203	49.072	ug/l	99
67) Ethyl Benzene	10.177	91	474899	48.955	ug/l	100
68) m/p-Xylenes	10.287	106	359586	99.589	ug/l	98
69) o-Xylene	10.622	106	173372	49.643	ug/l	97
70) Styrene	10.640	104	299864	49.003	ug/l	98
71) Bromoform	10.781	173	72918	50.335	ug/l #	98
73) Isopropylbenzene	10.945	105	447560	48.569	ug/l	100
74) N-amyl acetate	10.823	43	201337	47.913	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	139423	50.009	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	111955m	45.620	ug/l	
77) Bromobenzene	11.177	156	108574	47.839	ug/l	97
78) n-propylbenzene	11.287	91	528967	48.559	ug/l	100
79) 2-Chlorotoluene	11.348	91	318931	47.802	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	366251	48.376	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	44493	46.235	ug/l	98
82) 4-Chlorotoluene	11.433	91	379002	48.098	ug/l	99
83) tert-Butylbenzene	11.695	119	375695	48.476	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	371552	48.407	ug/l	98
85) sec-Butylbenzene	11.872	105	451409	49.036	ug/l	100
86) p-Isopropyltoluene	11.988	119	382386	49.065	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	201219	47.733	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	203822	47.109	ug/l	99
89) n-Butylbenzene	12.311	91	351243	48.707	ug/l	100
90) Hexachloroethane	12.518	117	67044	48.998	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	194911	48.532	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	27694	49.063	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	122030	46.752	ug/l	96
94) Hexachlorobutadiene	13.707	225	43430	48.986	ug/l	98
95) Naphthalene	13.756	128	396153	49.843	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	119688	49.295	ug/l	98

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

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