

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047846.D
 Acq On : 26 Sep 2025 09:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 26 22:52:39 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 :Semsettin Yesilyurt 09/29/2025
 Supervised By :Mahesh Dadoda 09/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	122728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	226924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	208536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	104908	53.702	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.400%			
35) Dibromofluoromethane	5.373	113	81426	53.504	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.000%			
50) Toluene-d8	8.635	98	277443	52.686	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.380%			
62) 4-Bromofluorobenzene	11.061	95	106584	53.331	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	74375	58.523	ug/l	97
3) Chloromethane	1.301	50	90988	54.475	ug/l	97
4) Vinyl Chloride	1.380	62	93051	56.912	ug/l	98
5) Bromomethane	1.611	94	59411	57.303	ug/l	98
6) Chloroethane	1.691	64	61467	56.248	ug/l	100
7) Trichlorofluoromethane	1.892	101	132138	54.430	ug/l	100
8) Diethyl Ether	2.136	74	58278	58.684	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	78305	55.163	ug/l	99
10) Methyl Iodide	2.453	142	113946	51.469	ug/l	99
11) Tert butyl alcohol	2.947	59	66215	304.339	ug/l	99
12) 1,1-Dichloroethene	2.325	96	82441	56.539	ug/l	96
13) Acrolein	2.239	56	49002	244.406	ug/l	98
14) Allyl chloride	2.666	41	148128	49.230	ug/l	97
15) Acrylonitrile	3.056	53	259870	322.462	ug/l	99
16) Acetone	2.374	43	213449	251.295	ug/l	100
17) Carbon Disulfide	2.514	76	217239	54.421	ug/l	98
18) Methyl Acetate	2.697	43	128304	67.874	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	309590	58.162	ug/l	100
20) Methylene Chloride	2.788	84	103360	57.488	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	88722	56.516	ug/l	98
22) Diisopropyl ether	3.751	45	339588	58.235	ug/l	89
23) Vinyl Acetate	3.715	43	1365399	292.559	ug/l	100
24) 1,1-Dichloroethane	3.605	63	176663	56.999	ug/l	99
25) 2-Butanone	4.544	43	318394	300.509	ug/l	100
26) 2,2-Dichloropropane	4.465	77	67799	26.315	ug/l	92
27) cis-1,2-Dichloroethene	4.483	96	109875	57.150	ug/l	93
28) Bromochloromethane	4.891	49	74247	54.872	ug/l	99
29) Tetrahydrofuran	4.989	42	207019	324.797	ug/l	99
30) Chloroform	5.080	83	182880	58.390	ug/l	100
31) Cyclohexane	5.464	56	134385	52.059	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	148727	55.983	ug/l	99
36) 1,1-Dichloropropene	5.684	75	112915	50.775	ug/l	98
37) Ethyl Acetate	4.702	43	138799	58.292	ug/l	100
38) Carbon Tetrachloride	5.666	117	124307	51.447	ug/l	96
39) Methylcyclohexane	7.367	83	123946	49.101	ug/l	99
40) Benzene	6.025	78	371092	54.941	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	73445	59.748	ug/l	99
42) 1,2-Dichloroethane	6.074	62	140116	54.521	ug/l	98
43) Isopropyl Acetate	6.324	43	222742	57.038	ug/l	99
44) Trichloroethene	7.111	130	89171	54.607	ug/l	98
45) 1,2-Dichloropropane	7.415	63	98458	56.928	ug/l	100
46) Dibromomethane	7.568	93	71687	56.959	ug/l	97
47) Bromodichloromethane	7.806	83	147147	56.657	ug/l	97
48) Methyl methacrylate	7.677	41	112437	57.803	ug/l	97
49) 1,4-Dioxane	7.647	88	29787	1515.251	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	677440	312.881	ug/l	100
52) Toluene	8.702	92	230568	55.407	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	133000	50.205	ug/l	97
54) cis-1,3-Dichloropropene	8.354	75	142865	50.456	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	94900	59.143	ug/l	99
56) Ethyl methacrylate	9.104	69	150069	59.552	ug/l	97
57) 1,3-Dichloropropane	9.293	76	161592	58.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	392274	320.095	ug/l	100
59) 2-Hexanone	9.415	43	471702	303.339	ug/l	98
60) Dibromochloromethane	9.506	129	110561	59.800	ug/l	100
61) 1,2-Dibromoethane	9.592	107	97806	59.844	ug/l	99
64) Tetrachloroethene	9.263	164	74341	54.685	ug/l	94
65) Chlorobenzene	10.061	112	257011	54.250	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	90553	55.391	ug/l	99
67) Ethyl Benzene	10.177	91	434237	53.122	ug/l	100
68) m/p-Xylenes	10.287	106	328215	107.876	ug/l	98
69) o-Xylene	10.628	106	161019	54.716	ug/l	98
70) Styrene	10.640	104	286806	55.621	ug/l	98
71) Bromoform	10.781	173	71210	58.336	ug/l #	97
73) Isopropylbenzene	10.945	105	401797	51.224	ug/l	99
74) N-amyl acetate	10.829	43	193473	54.089	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	136670	57.589	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	106496m	50.981	ug/l	
77) Bromobenzene	11.183	156	102114	52.856	ug/l	97
78) n-propylbenzene	11.287	91	476952	51.437	ug/l	100
79) 2-Chlorotoluene	11.348	91	293217	51.630	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	332360	51.573	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	33564	40.974	ug/l	99
82) 4-Chlorotoluene	11.439	91	346044	51.591	ug/l	99
83) tert-Butylbenzene	11.695	119	334665	50.729	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	338744	51.846	ug/l	99
85) sec-Butylbenzene	11.872	105	400657	51.130	ug/l	99
86) p-Isopropyltoluene	11.994	119	337869	50.930	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	189590	52.835	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	190455	51.714	ug/l	99
89) n-Butylbenzene	12.317	91	306387	49.913	ug/l	99
90) Hexachloroethane	12.518	117	61230	52.570	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	185133	54.154	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	27467	57.166	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	116711	52.530	ug/l	99
94) Hexachlorobutadiene	13.707	225	37538	49.740	ug/l	98
95) Naphthalene	13.756	128	378188	55.899	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	113759	55.042	ug/l	97

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

