

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047660.D
 Acq On : 19 Sep 2025 09:22
 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 20 00:25:05 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 09/22/2025
 Supervised By :Mahesh Dadoda 09/22/2025

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	168285	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	306730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	272268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	131043	48.921	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.840%		
35) Dibromofluoromethane	5.367	113	100766	48.985	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.960%		
50) Toluene-d8	8.629	98	344123	48.346	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.700%		
62) 4-Bromofluorobenzene	11.061	95	130212	48.202	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	109308	62.726	ug/l	98
3) Chloromethane	1.301	50	133876	58.454	ug/l	99
4) Vinyl Chloride	1.380	62	128689	57.401	ug/l	100
5) Bromomethane	1.618	94	85593	60.207	ug/l	96
6) Chloroethane	1.691	64	81959	54.697	ug/l	99
7) Trichlorofluoromethane	1.892	101	177530	53.331	ug/l	98
8) Diethyl Ether	2.136	74	72507	53.247	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	101931	52.368	ug/l	100
10) Methyl Iodide	2.453	142	161075	53.061	ug/l	100
11) Tert butyl alcohol	2.941	59	76492	256.398	ug/l	96
12) 1,1-Dichloroethene	2.325	96	106990	53.511	ug/l	96
13) Acrolein	2.233	56	76226	277.267	ug/l	100
14) Allyl chloride	2.660	41	214937	52.096	ug/l	98
15) Acrylonitrile	3.056	53	309800	280.351	ug/l	99
16) Acetone	2.374	43	311710	267.632	ug/l	100
17) Carbon Disulfide	2.514	76	312779	57.144	ug/l	97
18) Methyl Acetate	2.697	43	138468	53.421	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	382912	52.463	ug/l	100
20) Methylene Chloride	2.782	84	128420	52.090	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	116131	53.949	ug/l	98
22) Diisopropyl ether	3.745	45	424760	53.122	ug/l	87
23) Vinyl Acetate	3.709	43	1775588	277.456	ug/l	100
24) 1,1-Dichloroethane	3.599	63	223923	52.689	ug/l	97
25) 2-Butanone	4.532	43	392796	270.370	ug/l	97
26) 2,2-Dichloropropane	4.465	77	182677	51.709	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	139356	52.862	ug/l	99
28) Bromochloromethane	4.879	49	102961	55.493	ug/l	99
29) Tetrahydrofuran	4.983	42	240704	275.412	ug/l	99
30) Chloroform	5.074	83	224397	52.250	ug/l	99
31) Cyclohexane	5.452	56	180483	50.989	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	187258	51.405	ug/l	100
36) 1,1-Dichloropropene	5.672	75	148709	49.472	ug/l	99
37) Ethyl Acetate	4.690	43	167930	52.177	ug/l	98
38) Carbon Tetrachloride	5.660	117	158068	48.399	ug/l	96
39) Methylcyclohexane	7.361	83	173329	50.798	ug/l	98
40) Benzene	6.019	78	469978	51.478	ug/l	100

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41) Methacrylonitrile	4.898	41	89756	54.019	ug/l	98
42) 1,2-Dichloroethane	6.068	62	173829	50.041	ug/l	99
43) Isopropyl Acetate	6.318	43	269858	51.124	ug/l	99
44) Trichloroethene	7.104	130	113653	51.491	ug/l	100
45) 1,2-Dichloropropane	7.409	63	118540	50.706	ug/l	99
46) Dibromomethane	7.562	93	87295	51.314	ug/l	99
47) Bromodichloromethane	7.799	83	177916	50.681	ug/l	98
48) Methyl methacrylate	7.671	41	135518	51.542	ug/l	99
49) 1,4-Dioxane	7.641	88	33615	1265.071	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	772605	263.992	ug/l	100
52) Toluene	8.702	92	285358	50.732	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	184125	51.420	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	198129	51.767	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	110081	50.755	ug/l	98
56) Ethyl methacrylate	9.098	69	181056	53.155	ug/l	96
57) 1,3-Dichloropropane	9.293	76	193901	52.043	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	426594	261.332	ug/l	100
59) 2-Hexanone	9.415	43	551745	262.497	ug/l	98
60) Dibromochloromethane	9.500	129	129786	51.934	ug/l	100
61) 1,2-Dibromoethane	9.592	107	117326	53.110	ug/l	99
64) Tetrachloroethene	9.257	164	86883	48.951	ug/l	98
65) Chlorobenzene	10.061	112	308645	49.899	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	107031	50.145	ug/l	100
67) Ethyl Benzene	10.177	91	536224	50.244	ug/l	100
68) m/p-Xylenes	10.281	106	400119	100.725	ug/l	99
69) o-Xylene	10.622	106	194487	50.618	ug/l	99
70) Styrene	10.634	104	346312	51.440	ug/l	98
71) Bromoform	10.781	173	81077	50.872	ug/l	99
73) Isopropylbenzene	10.945	105	493376	50.005	ug/l	99
74) N-amyl acetate	10.823	43	234901	52.208	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	154912	51.895	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	125290m	47.682	ug/l	
77) Bromobenzene	11.177	156	121922	50.172	ug/l	99
78) n-propylbenzene	11.287	91	583388	50.018	ug/l	99
79) 2-Chlorotoluene	11.348	91	356287	49.875	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	409554	50.523	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	51972	50.440	ug/l	99
82) 4-Chlorotoluene	11.433	91	421274	49.932	ug/l	99
83) tert-Butylbenzene	11.695	119	399938	48.196	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	415095	50.508	ug/l	100
85) sec-Butylbenzene	11.872	105	489102	49.622	ug/l	100
86) p-Isopropyltoluene	11.988	119	415198	49.757	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	226308	50.139	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	227633	49.138	ug/l	99
89) n-Butylbenzene	12.311	91	386234	50.022	ug/l	99
90) Hexachloroethane	12.518	117	73125	49.913	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	215367	50.084	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	31345	51.864	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	141532	50.643	ug/l	100
94) Hexachlorobutadiene	13.707	225	47423	49.957	ug/l	99
95) Naphthalene	13.756	128	428676	50.373	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	133374	51.304	ug/l	99

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

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