

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048796.D
 Acq On : 10 Dec 2025 09:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
 Supervised By :Semsettin Yesilyurt 12/11/2025

Quant Time: Dec 11 00:17:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	164636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	275167	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	243543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	117430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	119067	53.883	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.760%			
35) Dibromofluoromethane	5.367	113	96249	50.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.600%			
50) Toluene-d8	8.628	98	322968	48.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.260%			
62) 4-Bromofluorobenzene	11.061	95	117923	51.492	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	104303	62.179	ug/l	99
3) Chloromethane	1.300	50	111505	52.677	ug/l	99
4) Vinyl Chloride	1.380	62	112166	49.755	ug/l	100
5) Bromomethane	1.611	94	74718	53.632	ug/l	99
6) Chloroethane	1.697	64	67271	47.946	ug/l	99
7) Trichlorofluoromethane	1.892	101	157690	48.805	ug/l	95
8) Diethyl Ether	2.129	74	65626	50.888	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	90609	48.374	ug/l	98
10) Methyl Iodide	2.453	142	138068	51.776	ug/l	100
11) Tert butyl alcohol	2.934	59	102693	287.850	ug/l	100
12) 1,1-Dichloroethene	2.325	96	94115	49.229	ug/l	98
13) Acrolein	2.233	56	88687	256.274	ug/l	100
14) Allyl chloride	2.666	41	179805	56.019	ug/l	99
15) Acrylonitrile	3.050	53	333575	300.075	ug/l	98
16) Acetone	2.367	43	209603	247.780	ug/l	98
17) Carbon Disulfide	2.514	76	263433	47.450	ug/l	99
18) Methyl Acetate	2.690	43	144725	60.806	ug/l	99
19) Methyl tert-butyl Ether	3.099	73	349851	56.230	ug/l	99
20) Methylene Chloride	2.788	84	110575	52.296	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	100976	51.751	ug/l	97
22) Diisopropyl ether	3.745	45	354358	59.073	ug/l	98
23) Vinyl Acetate	3.708	43	1561747	309.846	ug/l	97
24) 1,1-Dichloroethane	3.599	63	188402	56.321	ug/l	99
25) 2-Butanone	4.531	43	366303	293.394	ug/l	94
26) 2,2-Dichloropropane	4.458	77	153178	51.752	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	120195	54.589	ug/l	95
28) Bromochloromethane	4.879	49	78851	48.092	ug/l	88
29) Tetrahydrofuran	4.977	42	283266	297.133	ug/l	92
30) Chloroform	5.068	83	191171	53.336	ug/l	98
31) Cyclohexane	5.452	56	139883	46.837	ug/l	95
32) 1,1,1-Trichloroethane	5.367	97	162442	50.581	ug/l	97
36) 1,1-Dichloropropene	5.678	75	116833	45.023	ug/l	100
37) Ethyl Acetate	4.690	43	189539	61.127	ug/l	98
38) Carbon Tetrachloride	5.653	117	139526	47.468	ug/l	92
39) Methylcyclohexane	7.360	83	137752	44.893	ug/l	99
40) Benzene	6.019	78	395438	51.404	ug/l	99

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41) Methacrylonitrile	4.891	41	85071	60.300	ug/l	94
42) 1,2-Dichloroethane	6.068	62	142810	52.451	ug/l	98
43) Isopropyl Acetate	6.312	43	260107	55.399	ug/l	97
44) Trichloroethene	7.104	130	99442	49.542	ug/l	99
45) 1,2-Dichloropropane	7.409	63	100151	52.089	ug/l	99
46) Dibromomethane	7.561	93	75489	51.773	ug/l	99
47) Bromodichloromethane	7.799	83	153021	50.336	ug/l	99
48) Methyl methacrylate	7.671	41	125580	53.170	ug/l	99
49) 1,4-Dioxane	7.635	88	34531	1063.052	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	822130	282.102	ug/l	99
52) Toluene	8.701	92	238768	51.472	ug/l	100
53) t-1,3-Dichloropropene	8.957	75	154780	53.519	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	165618	53.285	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	99051	53.070	ug/l	97
56) Ethyl methacrylate	9.098	69	164618	56.348	ug/l	98
57) 1,3-Dichloropropane	9.287	76	165579	53.352	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	440513	278.983	ug/l	99
59) 2-Hexanone	9.409	43	568297	277.790	ug/l	99
60) Dibromochloromethane	9.500	129	120782	52.334	ug/l	99
61) 1,2-Dibromoethane	9.592	107	105455	52.204	ug/l	100
64) Tetrachloroethene	9.256	164	80272	45.218	ug/l	97
65) Chlorobenzene	10.061	112	263964	49.516	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.140	131	95289	49.975	ug/l	99
67) Ethyl Benzene	10.177	91	442138	50.827	ug/l	100
68) m/p-Xylenes	10.280	106	338638	99.937	ug/l	98
69) o-Xylene	10.622	106	164397	51.775	ug/l	99
70) Styrene	10.634	104	285694	52.412	ug/l	99
71) Bromoform	10.780	173	85176	50.037	ug/l #	99
73) Isopropylbenzene	10.945	105	408359	51.603	ug/l	99
74) N-amyl acetate	10.823	43	209730	60.997	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	145973	54.669	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	121242m	55.433	ug/l	
77) Bromobenzene	11.177	156	110799	52.458	ug/l	97
78) n-propylbenzene	11.286	91	483157	52.716	ug/l	100
79) 2-Chlorotoluene	11.347	91	294336	52.665	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	341415	52.487	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	52883	57.434	ug/l #	72
82) 4-Chlorotoluene	11.433	91	348301	53.405	ug/l	99
83) tert-Butylbenzene	11.695	119	339730	50.265	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	346969	52.880	ug/l	99
85) sec-Butylbenzene	11.872	105	412391	50.346	ug/l	99
86) p-Isopropyltoluene	11.987	119	354299	50.602	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	198528	50.987	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	200162	49.746	ug/l	99
89) n-Butylbenzene	12.311	91	321129	48.986	ug/l	100
90) Hexachloroethane	12.518	117	67328	47.115	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	189764	50.270	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	33981	52.292	ug/l	98
93) 1,2,4-Trichlorobenzene	13.566	180	125318	50.264	ug/l	99
94) Hexachlorobutadiene	13.707	225	46430	45.022	ug/l	96
95) Naphthalene	13.755	128	417103	57.472	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	115667	50.306	ug/l	98

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

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