

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
 Data File : VX048794.D
 Acq On : 09 Dec 2025 18:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 10 00:31:15 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/10/2025
 Supervised By : Mahesh Dadoda 12/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	149212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	253770	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	230189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	117933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	97114	48.492	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.980%		
35) Dibromofluoromethane	5.373	113	78953	45.186	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.380%		
50) Toluene-d8	8.635	98	273222	44.609	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.220%#		
62) 4-Bromofluorobenzene	11.061	95	104397	49.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	78510	51.641	ug/l	99
3) Chloromethane	1.301	50	85550	44.593	ug/l	100
4) Vinyl Chloride	1.380	62	86206	42.192	ug/l	100
5) Bromomethane	1.618	94	60138	47.629	ug/l	100
6) Chloroethane	1.697	64	53495	42.069	ug/l	94
7) Trichlorofluoromethane	1.898	101	121677	41.552	ug/l	96
8) Diethyl Ether	2.136	74	51961	44.456	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	69940	41.199	ug/l	98
10) Methyl Iodide	2.459	142	114220	47.261	ug/l	100
11) Tert butyl alcohol	2.941	59	87715	271.282	ug/l	99
12) 1,1-Dichloroethene	2.325	96	75088	43.337	ug/l	94
13) Acrolein	2.233	56	98269	304.373	ug/l	99
14) Allyl chloride	2.666	41	144686	49.738	ug/l	98
15) Acrylonitrile	3.056	53	266653	264.669	ug/l	99
16) Acetone	2.374	43	213358	278.290	ug/l	99
17) Carbon Disulfide	2.520	76	209455	41.627	ug/l	99
18) Methyl Acetate	2.697	43	120872	56.034	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	284052	50.374	ug/l	98
20) Methylene Chloride	2.788	84	90261	47.101	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	80425	45.479	ug/l	94
22) Diisopropyl ether	3.751	45	285859	52.580	ug/l	99
23) Vinyl Acetate	3.715	43	1269631	277.929	ug/l	97
24) 1,1-Dichloroethane	3.605	63	150457	49.627	ug/l	99
25) 2-Butanone	4.538	43	340863	301.239	ug/l	93
26) 2,2-Dichloropropane	4.465	77	121237	45.194	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	99465	49.844	ug/l	96
28) Bromochloromethane	4.885	49	68830	46.320	ug/l	89
29) Tetrahydrofuran	4.983	42	233291	270.008	ug/l	94
30) Chloroform	5.087	83	158215	48.704	ug/l	98
31) Cyclohexane	5.464	56	117770	43.509	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	133651	45.918	ug/l	98
36) 1,1-Dichloropropene	5.684	75	99833	41.715	ug/l	100
37) Ethyl Acetate	4.696	43	148065	51.778	ug/l	99
38) Carbon Tetrachloride	5.666	117	112925	41.658	ug/l	94
39) Methylcyclohexane	7.367	83	118779	41.973	ug/l	99
40) Benzene	6.025	78	328816	46.348	ug/l	99

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41) Methacrylonitrile	4.904	41	68440	52.602	ug/l	97
42) 1,2-Dichloroethane	6.074	62	119025	47.401	ug/l	98
43) Isopropyl Acetate	6.318	43	219370	50.662	ug/l	97
44) Trichloroethene	7.111	130	84348	45.566	ug/l	100
45) 1,2-Dichloropropane	7.415	63	85489	48.212	ug/l	100
46) Dibromomethane	7.568	93	64262	47.789	ug/l	99
47) Bromodichloromethane	7.806	83	128436	45.811	ug/l	98
48) Methyl methacrylate	7.678	41	107577	49.388	ug/l	98
49) 1,4-Dioxane	7.641	88	32227	1075.774	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	701172	260.883	ug/l	99
52) Toluene	8.702	92	204024	47.691	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	134253	50.335	ug/l	97
54) cis-1,3-Dichloropropene	8.354	75	141822	49.476	ug/l	97
55) 1,1,2-Trichloroethane	9.135	97	85200	49.497	ug/l	99
56) Ethyl methacrylate	9.104	69	143069	53.101	ug/l	99
57) 1,3-Dichloropropane	9.293	76	141357	49.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	446589	306.679	ug/l	99
59) 2-Hexanone	9.415	43	521576	276.448	ug/l	100
60) Dibromochloromethane	9.506	129	102221	48.026	ug/l	98
61) 1,2-Dibromoethane	9.592	107	90745	48.710	ug/l	97
64) Tetrachloroethene	9.256	164	69413	41.370	ug/l	97
65) Chlorobenzene	10.061	112	230621	45.771	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	83201	46.167	ug/l	99
67) Ethyl Benzene	10.177	91	385687	46.910	ug/l	99
68) m/p-Xylenes	10.287	106	294407	91.924	ug/l	98
69) o-Xylene	10.622	106	144708	48.218	ug/l	99
70) Styrene	10.640	104	252771	49.063	ug/l	99
71) Bromoform	10.781	173	74957	46.588	ug/l #	100
73) Isopropylbenzene	10.945	105	361395	45.474	ug/l	99
74) N-amyl acetate	10.823	43	186931	54.134	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	131153	48.909	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	101809m	46.350	ug/l	
77) Bromobenzene	11.183	156	96852	45.659	ug/l	97
78) n-propylbenzene	11.287	91	423137	45.971	ug/l	98
79) 2-Chlorotoluene	11.348	91	258795	46.108	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	301351	46.131	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	44938	48.597	ug/l #	84
82) 4-Chlorotoluene	11.439	91	308166	47.050	ug/l	100
83) tert-Butylbenzene	11.695	119	308622	45.468	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	307783	46.707	ug/l	99
85) sec-Butylbenzene	11.872	105	371851	45.203	ug/l	99
86) p-Isopropyltoluene	11.988	119	314719	44.758	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	176021	45.014	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	177720	43.980	ug/l	99
89) n-Butylbenzene	12.311	91	287208	43.625	ug/l	99
90) Hexachloroethane	12.518	117	58469	40.741	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	169354	44.671	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	28815	44.153	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	108699	43.413	ug/l	98
94) Hexachlorobutadiene	13.701	225	42028	40.580	ug/l	95
95) Naphthalene	13.756	128	375813	52.517	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	103637	44.882	ug/l	99

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

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