

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
 Data File : VX048718.D
 Acq On : 04 Dec 2025 10:17
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 05 02:09:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 02:05:18 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/05/2025
 Supervised By : Semsettin Yesilyurt 12/05/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	149943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	269490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	222177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	236091	117.312	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 234.620%#			
35) Dibromofluoromethane	5.373	113	191311	103.102	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 206.200%#			
50) Toluene-d8	8.634	98	566679	87.124	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 174.240%#			
62) 4-Bromofluorobenzene	11.061	95	213976	95.403	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 190.800%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	148747	97.363	ug/l	98
3) Chloromethane	1.300	50	201139	104.333	ug/l	99
4) Vinyl Chloride	1.380	62	209791	102.178	ug/l	100
5) Bromomethane	1.611	94	132130	104.136	ug/l	100
6) Chloroethane	1.691	64	130144	101.847	ug/l	98
7) Trichlorofluoromethane	1.892	101	282037	95.844	ug/l	97
8) Diethyl Ether	2.136	74	130414	111.035	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	156439	91.702	ug/l	98
10) Methyl Iodide	2.459	142	286982	118.165	ug/l	100
11) Tert butyl alcohol	2.959	59	204928	630.705	ug/l	100
12) 1,1-Dichloroethene	2.325	96	175195	100.620	ug/l	96
13) Acrolein	2.233	56	175644	510.093	ug/l	99
14) Allyl chloride	2.666	41	351406	120.211	ug/l	99
15) Acrylonitrile	3.056	53	634692	626.899	ug/l	99
16) Acetone	2.373	43	428956	556.775	ug/l	98
17) Carbon Disulfide	2.514	76	519336	102.710	ug/l	99
18) Methyl Acetate	2.696	43	271853	125.412	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	675620	119.231	ug/l	99
20) Methylene Chloride	2.788	84	215266	111.785	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	192558	108.358	ug/l	98
22) Diisopropyl ether	3.751	45	683700	125.144	ug/l	98
23) Vinyl Acetate	3.715	43	3105693	676.537	ug/l	98
24) 1,1-Dichloroethane	3.605	63	366722	120.371	ug/l	98
25) 2-Butanone	4.538	43	759593	668.021	ug/l	94
26) 2,2-Dichloropropane	4.471	77	298026	110.556	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	235515	117.446	ug/l	95
28) Bromochloromethane	4.885	49	183158	122.656	ug/l	86
29) Tetrahydrofuran	4.983	42	544146	626.716	ug/l	94
30) Chloroform	5.080	83	363457	111.339	ug/l	99
31) Cyclohexane	5.464	56	258069	94.876	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	303648	103.814	ug/l	96
36) 1,1-Dichloropropene	5.684	75	227212	89.403	ug/l	99
37) Ethyl Acetate	4.696	43	370775	122.096	ug/l	99
38) Carbon Tetrachloride	5.665	117	256702	89.173	ug/l	97
39) Methylcyclohexane	7.366	83	257594	85.717	ug/l	97
40) Benzene	6.025	78	755535	100.284	ug/l	98

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41) Methacrylonitrile	4.897	41	165473	119.761	ug/l	95
42) 1,2-Dichloroethane	6.074	62	282907	106.094	ug/l	97
43) Isopropyl Acetate	6.324	43	522170	113.557	ug/l	96
44) Trichloroethene	7.110	130	186139	94.688	ug/l	94
45) 1,2-Dichloropropane	7.415	63	193808	102.923	ug/l	99
46) Dibromomethane	7.568	93	147078	102.996	ug/l	98
47) Bromodichloromethane	7.805	83	299209	100.499	ug/l	98
48) Methyl methacrylate	7.677	41	258497	111.752	ug/l	97
49) 1,4-Dioxane	7.647	88	71374	2243.567	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	1239027	434.110	ug/l	97
52) Toluene	8.701	92	404813	89.105	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	266630	94.136	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	282606	92.840	ug/l	96
55) 1,1,2-Trichloroethane	9.134	97	167036	91.380	ug/l	99
56) Ethyl methacrylate	9.098	69	280412	98.006	ug/l	95
57) 1,3-Dichloropropane	9.293	76	276473	90.960	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	691132	446.925	ug/l	97
59) 2-Hexanone	9.415	43	920873	459.615	ug/l	96
60) Dibromochloromethane	9.506	129	215867	95.503	ug/l	100
61) 1,2-Dibromoethane	9.592	107	185040	93.531	ug/l	99
64) Tetrachloroethene	9.256	164	139923	86.401	ug/l	97
65) Chlorobenzene	10.061	112	463830	95.375	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	169651	97.532	ug/l	100
67) Ethyl Benzene	10.177	91	756382	95.314	ug/l	100
68) m/p-Xylenes	10.287	106	589829	190.807	ug/l	96
69) o-Xylene	10.622	106	290379	100.247	ug/l	97
70) Styrene	10.640	104	503937	101.341	ug/l	99
71) Bromoform	10.780	173	165495	106.570	ug/l	100
73) Isopropylbenzene	10.945	105	712828	93.624	ug/l	100
74) N-amyl acetate	10.829	43	336967	101.859	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	250299	97.430	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	200074m	92.297	ug/l	
77) Bromobenzene	11.183	156	204596	100.679	ug/l	92
78) n-propylbenzene	11.286	91	809506	91.800	ug/l	98
79) 2-Chlorotoluene	11.347	91	510695	94.975	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	595416	95.139	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	93932	106.031	ug/l	90
82) 4-Chlorotoluene	11.433	91	602673	96.045	ug/l	98
83) tert-Butylbenzene	11.695	119	619946	95.335	ug/l	96
84) 1,2,4-Trimethylbenzene	11.731	105	613436	97.170	ug/l	99
85) sec-Butylbenzene	11.872	105	714356	90.644	ug/l	98
86) p-Isopropyltoluene	11.987	119	629447	93.439	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	364260	97.233	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	370371	95.671	ug/l	99
89) n-Butylbenzene	12.311	91	555297	88.041	ug/l	99
90) Hexachloroethane	12.518	117	121649	88.478	ug/l	94
91) 1,2-Dichlorobenzene	12.317	146	351927	96.897	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	59671	95.439	ug/l	90
93) 1,2,4-Trichlorobenzene	13.566	180	240057	100.075	ug/l	99
94) Hexachlorobutadiene	13.707	225	88160	88.851	ug/l	96
95) Naphthalene	13.755	128	790203	97.658	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	226988	102.608	ug/l	99

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

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