

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
 Data File : VX048411.D
 Acq On : 29 Oct 2025 12:43
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 30 02:21:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:16:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	136244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	237043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	210324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	104326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	198488	101.300	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 202.600%#			
35) Dibromofluoromethane	5.373	113	134096	99.222	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 198.440%#			
50) Toluene-d8	8.634	98	572267	95.926	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 191.860%#			
62) 4-Bromofluorobenzene	11.061	95	212629	95.278	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 190.560%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	137281	98.781	ug/l	94
3) Chloromethane	1.300	50	74538	95.062	ug/l	99
4) Vinyl Chloride	1.380	62	184353	101.782	ug/l	100
5) Bromomethane	1.611	94	64623	98.767	ug/l	96
6) Chloroethane	1.691	64	108537	100.762	ug/l	96
7) Trichlorofluoromethane	1.898	101	274205	98.791	ug/l	100
8) Diethyl Ether	2.136	74	108025	107.685	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	153910	98.581	ug/l	98
10) Methyl Iodide	2.459	142	666054	106.094	ug/l	98
11) Tert butyl alcohol	2.940	59	82628	550.424	ug/l	99
12) 1,1-Dichloroethene	2.325	96	160970	101.505	ug/l	94
13) Acrolein	2.233	56	174355	556.434	ug/l	98
14) Allyl chloride	2.666	41	274038	102.042	ug/l	98
15) Acrylonitrile	3.056	53	370003	541.798	ug/l	100
16) Acetone	2.373	43	239424	539.138	ug/l	99
17) Carbon Disulfide	2.514	76	427175	93.947	ug/l	100
18) Methyl Acetate	2.697	43	166666	112.212	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	538203	105.981	ug/l	99
20) Methylene Chloride	2.788	84	177343	103.597	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	172196	102.229	ug/l	97
22) Diisopropyl ether	3.751	45	585908	106.589	ug/l	89
23) Vinyl Acetate	3.715	43	1870693	499.934	ug/l	98
24) 1,1-Dichloroethane	3.605	63	324304	103.957	ug/l	99
25) 2-Butanone	4.544	43	391216	551.449	ug/l	99
26) 2,2-Dichloropropane	4.465	77	273061	101.660	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	210051	104.487	ug/l	98
28) Bromochloromethane	4.885	49	141528	100.105	ug/l	94
29) Tetrahydrofuran	4.983	42	276529	547.338	ug/l	97
30) Chloroform	5.080	83	330306	102.928	ug/l	97
31) Cyclohexane	5.464	56	262665	97.000	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	288051	101.676	ug/l	99
36) 1,1-Dichloropropene	5.684	75	219541	96.734	ug/l	99
37) Ethyl Acetate	4.696	43	201911	104.423	ug/l	97
38) Carbon Tetrachloride	5.665	117	245308	93.614	ug/l	99
39) Methylcyclohexane	7.366	83	277545	95.097	ug/l	96
40) Benzene	6.025	78	692820	99.925	ug/l	97

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41) Methacrylonitrile	4.903	41	103566	106.336	ug/l	96
42) 1,2-Dichloroethane	6.074	62	243894	99.869	ug/l	98
43) Isopropyl Acetate	6.324	43	334952	104.923	ug/l	96
44) Trichloroethene	7.110	130	179623	98.882	ug/l	98
45) 1,2-Dichloropropane	7.415	63	174772	100.932	ug/l	98
46) Dibromomethane	7.568	93	123914	102.224	ug/l	96
47) Bromodichloromethane	7.805	83	256800	99.708	ug/l	97
48) Methyl methacrylate	7.677	41	170938	109.801	ug/l	96
49) 1,4-Dioxane	7.647	88	39674	2242.121	ug/l	94
51) 4-Methyl-2-Pentanone	8.555	43	925963	521.185	ug/l	96
52) Toluene	8.702	92	433330	100.021	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	237643	101.798	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	247342	98.341	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	157981	100.765	ug/l	99
56) Ethyl methacrylate	9.104	69	252667	110.060	ug/l	95
57) 1,3-Dichloropropane	9.293	76	272104	100.095	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	666222	478.417	ug/l	97
59) 2-Hexanone	9.415	43	625915	541.437	ug/l	97
60) Dibromochloromethane	9.506	129	195285	100.712	ug/l	99
61) 1,2-Dibromoethane	9.592	107	165360	101.951	ug/l	97
64) Tetrachloroethene	9.256	164	158194	93.397	ug/l	97
65) Chlorobenzene	10.061	112	485587	100.215	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	169971	103.125	ug/l	99
67) Ethyl Benzene	10.177	91	820586	100.581	ug/l	99
68) m/p-Xylenes	10.287	106	626265	202.737	ug/l	97
69) o-Xylene	10.628	106	303089	102.675	ug/l	97
70) Styrene	10.640	104	524485	104.884	ug/l	99
71) Bromoform	10.780	173	125602	105.343	ug/l #	99
73) Isopropylbenzene	10.945	105	772066	100.054	ug/l	99
74) N-amyl acetate	10.823	43	299571	108.827	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	199484	102.062	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	159600m	98.087	ug/l	
77) Bromobenzene	11.183	156	191695	100.568	ug/l	99
78) n-propylbenzene	11.286	91	908036	99.564	ug/l	98
79) 2-Chlorotoluene	11.347	91	544328	99.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	639478	101.097	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	45242	104.353	ug/l #	76
82) 4-Chlorotoluene	11.439	91	641755	99.695	ug/l	97
83) tert-Butylbenzene	11.695	119	646483	100.392	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	643122	102.686	ug/l	99
85) sec-Butylbenzene	11.872	105	791505	98.644	ug/l	100
86) p-Isopropyltoluene	11.994	119	679495	100.170	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	347642	95.499	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	351340	94.761	ug/l	99
89) n-Butylbenzene	12.317	91	626533	98.374	ug/l	98
90) Hexachloroethane	12.518	117	122970	103.167	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	335364	99.415	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	40725	106.406	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	234564	100.768	ug/l	99
94) Hexachlorobutadiene	13.707	225	89940	92.112	ug/l	98
95) Naphthalene	13.756	128	639328	108.748	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	214795	101.587	ug/l	98

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

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