

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
 Data File : VX048721.D
 Acq On : 04 Dec 2025 14:04
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX120425

Quant Time: Dec 05 03:31:44 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 12/05/2025
 Supervised By :Semsettin Yesilyurt 12/05/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	184967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	310263	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	253965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	132465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	134442	54.154	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	108.300%		
35) Dibromofluoromethane	5.373	113	106728	49.960	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.920%		
50) Toluene-d8	8.634	98	333564	44.544	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.080%#		
62) 4-Bromofluorobenzene	11.061	95	128866	49.905	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	110698	58.738	ug/l	98
3) Chloromethane	1.300	50	116116	48.826	ug/l	99
4) Vinyl Chloride	1.380	62	122990	48.559	ug/l	99
5) Bromomethane	1.611	94	85918	54.893	ug/l	100
6) Chloroethane	1.697	64	76727	48.675	ug/l	98
7) Trichlorofluoromethane	1.898	101	177151	48.801	ug/l	96
8) Diethyl Ether	2.136	74	69765	48.151	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	96207	45.717	ug/l	96
10) Methyl Iodide	2.459	142	150980	50.395	ug/l	99
11) Tert butyl alcohol	2.940	59	100301	250.243	ug/l	99
12) 1,1-Dichloroethene	2.325	96	100196	46.649	ug/l	93
13) Acrolein	2.233	56	88451	232.010	ug/l	99
14) Allyl chloride	2.666	41	153518	42.572	ug/l	98
15) Acrylonitrile	3.056	53	283115	226.688	ug/l	98
16) Acetone	2.373	43	194390	204.537	ug/l	98
17) Carbon Disulfide	2.520	76	256217	41.077	ug/l	100
18) Methyl Acetate	2.696	43	118728	44.401	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	318949	45.629	ug/l	98
20) Methylene Chloride	2.788	84	113128	47.622	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	97130	44.308	ug/l	95
22) Diisopropyl ether	3.751	45	340522	50.527	ug/l	99
23) Vinyl Acetate	3.715	43	1563197	276.044	ug/l	98
24) 1,1-Dichloroethane	3.605	63	198478	52.811	ug/l	99
25) 2-Butanone	4.538	43	342340	244.061	ug/l	99
26) 2,2-Dichloropropane	4.471	77	152491	45.857	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	118820	48.033	ug/l	99
28) Bromochloromethane	4.885	49	82967	45.040	ug/l	97
29) Tetrahydrofuran	4.983	42	297621	277.876	ug/l	95
30) Chloroform	5.086	83	209644	52.061	ug/l	99
31) Cyclohexane	5.464	56	164989	49.171	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	180664	50.071	ug/l	97
36) 1,1-Dichloropropene	5.684	75	138860	47.458	ug/l	99
37) Ethyl Acetate	4.696	43	161815	46.283	ug/l	98
38) Carbon Tetrachloride	5.665	117	156330	47.169	ug/l	98
39) Methylcyclohexane	7.366	83	146837	42.440	ug/l	99
40) Benzene	6.025	78	436935	50.374	ug/l	99

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41) Methacrylonitrile	4.903	41	77315	48.603	ug/l	98
42) 1,2-Dichloroethane	6.074	62	156709	51.045	ug/l	97
43) Isopropyl Acetate	6.324	43	284443	53.729	ug/l	97
44) Trichloroethene	7.110	130	102412	45.250	ug/l	94
45) 1,2-Dichloropropane	7.415	63	93080	42.935	ug/l	99
46) Dibromomethane	7.568	93	71939	43.757	ug/l	95
47) Bromodichloromethane	7.805	83	147055	42.902	ug/l	99
48) Methyl methacrylate	7.677	41	112824	42.366	ug/l	96
49) 1,4-Dioxane	7.647	88	36105	985.778	ug/l	93
51) 4-Methyl-2-Pentanone	8.555	43	724550	220.496	ug/l	97
52) Toluene	8.702	92	241004	46.077	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	151680	46.514	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	160155	45.699	ug/l	93
55) 1,1,2-Trichloroethane	9.134	97	96409	45.811	ug/l	99
56) Ethyl methacrylate	9.098	69	158928	48.247	ug/l	94
57) 1,3-Dichloropropane	9.293	76	158926	45.415	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	431918	242.598	ug/l	98
59) 2-Hexanone	9.415	43	548159	237.637	ug/l	97
60) Dibromochloromethane	9.506	129	123372	47.409	ug/l	100
61) 1,2-Dibromoethane	9.592	107	104948	46.076	ug/l	99
64) Tetrachloroethene	9.256	164	84359	45.571	ug/l	98
65) Chlorobenzene	10.061	112	268428	48.287	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.146	131	98651	49.615	ug/l	97
67) Ethyl Benzene	10.177	91	454183	50.069	ug/l	99
68) m/p-Xylenes	10.287	106	364130	103.051	ug/l	98
69) o-Xylene	10.622	106	170785	51.580	ug/l	97
70) Styrene	10.640	104	292377	51.437	ug/l	99
71) Bromoform	10.780	173	91220	51.388	ug/l #	99
73) Isopropylbenzene	10.945	105	477424	53.483	ug/l	99
74) N-amyl acetate	10.823	43	228431	58.895	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	160485	53.282	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	131988m	53.497	ug/l	
77) Bromobenzene	11.177	156	119980	50.357	ug/l	98
78) n-propylbenzene	11.286	91	542000	52.425	ug/l	100
79) 2-Chlorotoluene	11.347	91	324683	51.501	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	380771	51.894	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	55921	53.840	ug/l	96
82) 4-Chlorotoluene	11.433	91	386271	52.505	ug/l	100
83) tert-Butylbenzene	11.695	119	382261	50.138	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	381863	51.592	ug/l	99
85) sec-Butylbenzene	11.872	105	467593	50.606	ug/l	99
86) p-Isopropyltoluene	11.988	119	397475	50.326	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	215432	49.048	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	216879	47.783	ug/l	99
89) n-Butylbenzene	12.311	91	375250	50.745	ug/l	99
90) Hexachloroethane	12.518	117	75643	46.926	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	204807	48.097	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	37176	50.715	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	132170	46.996	ug/l	99
94) Hexachlorobutadiene	13.707	225	52466	45.101	ug/l	95
95) Naphthalene	13.755	128	452299	55.628	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	128090	49.386	ug/l	98

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

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