

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080725\
 Data File : VR026730.D
 Acq On : 7 Aug 2025 16:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/08/2025
 Supervised By :Semsettin Yesilyurt 08/08/2025

Quant Time: Aug 08 01:44:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.295	168	395565	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.325	114	681010	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.534	117	564078	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.738	152	287410	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.683	65	243741	48.685	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.360%		
34) Dibromofluoromethane	7.199	113	206530	49.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.060%		
49) Toluene-d8	10.032	98	841544	55.767	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	111.540%		
61) 4-Bromofluorobenzene	12.667	95	244964	57.073	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	114.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.660	85	116297	40.340	ug/l	96
3) Chloromethane	1.843	50	195468	45.612	ug/l	97
4) Vinyl Chloride	1.958	62	228566	52.193	ug/l	90
5) Bromomethane	2.299	94	130992	61.386	ug/l	98
6) Chloroethane	2.427	64	165406	58.662	ug/l	99
7) Trichlorofluoromethane	2.713	101	529042	67.025	ug/l	92
8) Diethyl Ether	3.069	74	193222	55.173	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.374	101	191682	45.016	ug/l	99
10) Methyl Iodide	3.550	142	183840	44.735	ug/l	99
11) Tert butyl alcohol	4.317	59	168162	214.680	ug/l #	86
12) 1,1-Dichloroethene	3.354	96	183684	43.653	ug/l	97
13) Acrolein	3.239	56	244333	213.384	ug/l	95
14) Allyl chloride	3.881	41	344447	41.609	ug/l	95
15) Acrylonitrile	4.477	53	817550	262.929	ug/l	98
16) Acetone	3.435	43	614446	261.492	ug/l	94
17) Carbon Disulfide	3.637	76	229678	36.874	ug/l	97
18) Methyl Acetate	3.890	43	560829	57.185	ug/l	97
19) Methyl tert-butyl Ether	4.551	73	744487	44.211	ug/l	98
20) Methylene Chloride	4.083	84	246860	44.269	ug/l	98
21) trans-1,2-Dichloroethene	4.526	96	203350	43.961	ug/l	86
22) Diisopropyl ether	5.463	45	925120	47.690	ug/l	95
23) Vinyl Acetate	5.389	43	2884402	260.779	ug/l #	92
24) 1,1-Dichloroethane	5.325	63	432426	44.018	ug/l	97
25) 2-Butanone	6.367	43	1026489	282.238	ug/l	94
26) 2,2-Dichloropropane	6.345	77	274991	40.492	ug/l	78
27) cis-1,2-Dichloroethene	6.348	96	278137	46.737	ug/l	99
28) Bromochloromethane	6.746	49	154840	43.741	ug/l	99
29) Chloroform	6.952	83	418927	49.230	ug/l	99
30) Cyclohexane	7.276	56	329348	41.514	ug/l	98
31) 1,1,1-Trichloroethane	7.173	97	289029	47.019	ug/l	96
35) 1,1-Dichloropropene	7.426	75	265183	49.905	ug/l	98
36) Ethyl Acetate	6.473	43	361180	56.776	ug/l	99
37) Carbon Tetrachloride	7.407	117	221583	51.202	ug/l	89
38) Methylcyclohexane	8.883	83	305309	50.194	ug/l	97
39) Benzene	7.706	78	996727	52.087	ug/l	95
40) Methacrylonitrile	6.720	41	218985	55.391	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.795	62	257482	52.901	ug/l	97
42) Isopropyl Acetate	7.866	43	562629	55.004	ug/l	96
43) Trichloroethene	8.604	130	193537	52.591	ug/l	86
44) 1,2-Dichloropropane	8.919	63	235835	52.079	ug/l	97
45) Dibromomethane	9.015	93	140368	55.737	ug/l	98
46) Bromodichloromethane	9.243	83	275330	56.425	ug/l	93
47) Methyl methacrylate	9.024	41	273411	61.072	ug/l	97
48) 1,4-Dioxane	9.021	88	92529	1283.082	ug/l	95
50) 4-Methyl-2-Pentanone	9.917	43	1832110	343.076	ug/l	97
51) Toluene	10.106	92	569274	58.276	ug/l	97
52) t-1,3-Dichloropropene	10.363	75	257208	53.779	ug/l	93
53) cis-1,3-Dichloropropene	9.743	75	317891	55.414	ug/l	96
54) 1,1,2-Trichloroethane	10.565	97	214561	60.143	ug/l	96
55) Ethyl methacrylate	10.427	69	362750	61.572	ug/l	98
56) 1,3-Dichloropropane	10.732	76	360232	59.282	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.586	63	126145	387.453	ug/l	100
58) 2-Hexanone	10.793	43	1240240	344.503	ug/l	100
59) Dibromochloromethane	10.950	129	186865	61.892	ug/l	99
60) 1,2-Dibromoethane	11.065	107	193450	63.005	ug/l	99
63) Tetrachloroethene	10.648	164	159430	51.738	ug/l	97
64) Chlorobenzene	11.563	112	610010	51.963	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.653	131	173114	53.990	ug/l	97
66) Ethyl Benzene	11.656	91	1041210	53.119	ug/l	99
67) m/p-Xylenes	11.784	106	829467	105.918	ug/l	99
68) o-Xylene	12.153	106	405198	53.302	ug/l	99
69) Styrene	12.169	104	707310	55.678	ug/l	98
70) Bromoform	12.352	173	108796	59.953	ug/l #	99
72) Isopropylbenzene	12.496	105	998441	48.740	ug/l	100
73) N-amyl acetate	12.294	43	413206	50.873	ug/l	98
74) 1,1,2,2-Tetrachloroethane	12.782	83	316973	52.738	ug/l	98
75) 1,2,3-Trichloropropane	12.840	75	260843m	54.752	ug/l	
76) Bromobenzene	12.808	156	233375	49.228	ug/l	95
77) n-propylbenzene	12.885	91	1192506	48.793	ug/l	100
78) 2-Chlorotoluene	12.978	91	653576	47.134	ug/l	97
79) 1,3,5-Trimethylbenzene	13.045	105	773420	48.281	ug/l	100
80) trans-1,4-Dichloro-2-b...	12.551	75	74428	45.502	ug/l	87
81) 4-Chlorotoluene	13.093	91	658684	46.500	ug/l	98
82) tert-Butylbenzene	13.344	119	737904	50.644	ug/l	95
83) 1,2,4-Trimethylbenzene	13.395	105	798128	50.333	ug/l	100
84) sec-Butylbenzene	13.543	105	1081038	50.029	ug/l	100
85) p-Isopropyltoluene	13.674	119	896394	50.878	ug/l	99
86) 1,3-Dichlorobenzene	13.668	146	478400	51.473	ug/l	98
87) 1,4-Dichlorobenzene	13.758	146	469685	50.349	ug/l	96
88) n-Butylbenzene	14.043	91	808541	49.791	ug/l	99
89) Hexachloroethane	14.345	117	122222	48.309	ug/l	92
90) 1,2-Dichlorobenzene	14.085	146	449935	51.544	ug/l	97
91) 1,2-Dibromo-3-Chloropr...	14.788	75	43583	54.455	ug/l	97
92) 1,2,4-Trichlorobenzene	15.548	180	272683	52.241	ug/l	98
93) Hexachlorobutadiene	15.680	225	86916	51.250	ug/l	97
94) Naphthalene	15.827	128	845819	52.879	ug/l	99
95) 1,2,3-Trichlorobenzene	16.049	180	264737	53.424	ug/l	96

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

