

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082525\
 Data File : VR026758.D
 Acq On : 25 Aug 2025 11:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 25 22:47:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 21 08:59:04 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	62	0.01
2 T	Dichlorodifluoromethane	50.000	37.241	25.5#	46	0.00
3 P	Chloromethane	50.000	37.410	25.2#	49	0.01
4 C	Vinyl Chloride	50.000	41.237	17.5#	55	0.00
5 T	Bromomethane	50.000	41.111	17.8	78	0.00
6 T	Chloroethane	50.000	56.563	-13.1	71	0.02
7 T	Trichlorofluoromethane	50.000	46.699	6.6	65	0.01
8 T	Diethyl Ether	50.000	51.414	-2.8	63	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.633	8.7	56	0.02
10 T	Methyl Iodide	50.000	50.827	-1.7	61	0.02
11 T	Tert butyl alcohol	250.000	240.482	3.8	54	0.00
12 CM	1,1-Dichloroethene	50.000	45.154	9.7#	54	0.02
13 T	Acrolein	250.000	200.499	19.8	51	0.02
14 T	Allyl chloride	50.000	49.789	0.4	59	0.02
15 T	Acrylonitrile	250.000	269.256	-7.7	65	0.02
16 T	Acetone	250.000	230.612	7.8	60	0.02
17 T	Carbon Disulfide	50.000	45.449	9.1	51	0.01
18 T	Methyl Acetate	50.000	54.163	-8.3	67	0.02
19 T	Methyl tert-butyl Ether	50.000	56.481	-13.0	66	0.02
20 T	Methylene Chloride	50.000	49.671	0.7	61	0.01
21 T	trans-1,2-Dichloroethene	50.000	50.371	-0.7	60	0.01
22 T	Diisopropyl ether	50.000	56.861	-13.7	69	0.00
23 T	Vinyl Acetate	250.000	328.587	-31.4#	71	0.02
24 P	1,1-Dichloroethane	50.000	51.034	-2.1	62	0.01
25 T	2-Butanone	250.000	267.015	-6.8	66	0.02
26 T	2,2-Dichloropropane	50.000	47.740	4.5	54	0.02
27 T	cis-1,2-Dichloroethene	50.000	53.983	-8.0	64	0.01
28 T	Bromochloromethane	50.000	50.184	-0.4	65	0.00
29 C	Chloroform	50.000	54.348	-8.7#	65	0.01
30 T	Cyclohexane	50.000	44.986	10.0	57	0.00
31 T	1,1,1-Trichloroethane	50.000	50.962	-1.9	58	0.02
32 S	1,2-Dichloroethane-d4	50.000	53.802	-7.6	66	0.01
33 I	1,4-Difluorobenzene	50.000	50.000	0.0	66	0.01
34 S	Dibromofluoromethane	50.000	50.388	-0.8	65	0.02
35 T	1,1-Dichloropropene	50.000	47.526	4.9	58	0.02
36 T	Ethyl Acetate	50.000	51.231	-2.5	64	0.02
37 T	Carbon Tetrachloride	50.000	47.378	5.2	56	0.01
38 T	Methylcyclohexane	50.000	46.249	7.5	58	0.01
39 TM	Benzene	50.000	54.099	-8.2	70	0.01
40 T	Methacrylonitrile	50.000	53.351	-6.7	69	0.01
41 TM	1,2-Dichloroethane	50.000	52.879	-5.8	67	0.01
42 T	Isopropyl Acetate	50.000	56.198	-12.4	69	0.01
43 TM	Trichloroethene	50.000	48.015	4.0	62	0.02
44 C	1,2-Dichloropropane	50.000	52.480	-5.0#	67	0.01
45 T	Dibromomethane	50.000	54.414	-8.8	68	0.02
46 T	Bromodichloromethane	50.000	54.721	-9.4	68	0.00
47 T	Methyl methacrylate	50.000	56.430	-12.9	68	0.00
48 T	1,4-Dioxane	1000.000	1073.767	-7.4	63	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 S	Toluene-d8	50.000	51.735	-3.5	68	0.00
50 T	4-Methyl-2-Pentanone	250.000	379.603	-51.8#	82	0.01
51 CM	Toluene	50.000	52.870	-5.7#	67	0.01
52 T	t-1,3-Dichloropropene	50.000	57.958	-15.9	67	0.01
53 T	cis-1,3-Dichloropropene	50.000	56.326	-12.7	68	0.00
54 T	1,1,2-Trichloroethane	50.000	55.107	-10.2	71	0.00
55 T	Ethyl methacrylate	50.000	57.621	-15.2	69	0.01
56 T	1,3-Dichloropropane	50.000	55.976	-12.0	71	0.01
57 T	2-Chloroethyl Vinyl ether	250.000	236.138	5.5	60	0.01
58 T	2-Hexanone	250.000	298.718	-19.5	77	0.00
59 T	Dibromochloromethane	50.000	57.658	-15.3	71	0.01
60 T	1,2-Dibromoethane	50.000	55.281	-10.6	69	0.01
61 S	4-Bromofluorobenzene	50.000	53.446	-6.9	66	0.01
62 I	Chlorobenzene-d5	50.000	50.000	0.0	69	0.01
63 T	Tetrachloroethene	50.000	45.472	9.1	63	0.01
64 PM	Chlorobenzene	50.000	51.828	-3.7	70	0.01
65 T	1,1,1,2-Tetrachloroethane	50.000	52.136	-4.3	67	0.01
66 C	Ethyl Benzene	50.000	53.872	-7.7#	75	0.00
67 T	m/p-Xylenes	100.000	106.764	-6.8	69	0.00
68 T	o-Xylene	50.000	51.462	-2.9	67	0.01
69 T	Styrene	50.000	55.936	-11.9	69	0.01
70 P	Bromoform	50.000	57.438	-14.9	69	0.01
71 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	65	0.01
72 T	Isopropylbenzene	50.000	51.588	-3.2	72	0.00
73 T	N-amyl acetate	50.000	60.684	-21.4	66	0.01
74 P	1,1,2,2-Tetrachloroethane	50.000	54.439	-8.9	69	0.00
75 T	1,2,3-Trichloropropane	50.000	53.317	-6.6	69	0.00
76 T	Bromobenzene	50.000	52.009	-4.0	67	0.01
77 T	n-propylbenzene	50.000	52.203	-4.4	73	0.01
78 T	2-Chlorotoluene	50.000	52.916	-5.8	67	0.01
79 T	1,3,5-Trimethylbenzene	50.000	52.769	-5.5	68	0.01
80 T	trans-1,4-Dichloro-2-butene	50.000	49.340	1.3	66	0.01
81 T	4-Chlorotoluene	50.000	54.072	-8.1	66	0.00
82 T	tert-Butylbenzene	50.000	50.986	-2.0	67	0.00
83 T	1,2,4-Trimethylbenzene	50.000	54.565	-9.1	67	0.01
84 T	sec-Butylbenzene	50.000	51.354	-2.7	68	0.01
85 T	p-Isopropyltoluene	50.000	52.344	-4.7	65	0.00
86 T	1,3-Dichlorobenzene	50.000	50.975	-2.0	64	0.01
87 T	1,4-Dichlorobenzene	50.000	50.738	-1.5	65	0.01
88 T	n-Butylbenzene	50.000	49.574	0.9	63	0.00
89 T	Hexachloroethane	50.000	51.471	-2.9	62	0.00
90 T	1,2-Dichlorobenzene	50.000	50.257	-0.5	69	0.01
91 T	1,2-Dibromo-3-Chloropropane	50.000	50.653	-1.3	67	0.00
92 T	1,2,4-Trichlorobenzene	50.000	50.056	-0.1	67	0.01
93 T	Hexachlorobutadiene	50.000	47.685	4.6	66	0.01
94 T	Naphthalene	50.000	50.255	-0.5	63	0.01
95 T	1,2,3-Trichlorobenzene	50.000	50.799	-1.6	69	0.02

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(#) = Out of Range SPCC's out = 0 CCC's out = 6