

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
 Data File : VV039166.D
 Acq On : 24 Sep 2025 20:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 25 08:25:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	105	0.00
2 T	Dichlorodifluoromethane	50.000	45.047	9.9	101	0.00
3 P	Chloromethane	50.000	43.422	13.2	100	0.00
4 C	Vinyl Chloride	50.000	46.356	7.3#	106	0.00
5 T	Bromomethane	50.000	37.282	25.4#	88	0.00
6 T	Chloroethane	50.000	50.406	-0.8	106	0.00
7 T	Trichlorofluoromethane	50.000	46.855	6.3	108	0.00
8 T	Diethyl Ether	50.000	47.644	4.7	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.860	6.3	110	0.00
10 T	Methyl Iodide	50.000	44.960	10.1	89	0.00
11 T	Tert butyl alcohol	250.000	247.000	1.2	116	0.00
12 CM	1,1-Dichloroethene	50.000	47.340	5.3#	111	0.00
13 T	Acrolein	250.000	239.742	4.1	101	0.00
14 T	Allyl chloride	50.000	45.604	8.8	103	0.00
15 T	Acrylonitrile	250.000	227.567	9.0	107	0.00
16 T	Acetone	250.000	204.771	18.1	87	0.00
17 T	Carbon Disulfide	50.000	44.995	10.0	104	0.00
18 T	Methyl Acetate	50.000	49.300	1.4	113	0.00
19 T	Methyl tert-butyl Ether	50.000	48.312	3.4	109	0.00
20 T	Methylene Chloride	50.000	52.478	-5.0	110	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.596	6.8	108	0.00
22 T	Diisopropyl ether	50.000	47.044	5.9	101	0.00
23 T	Vinyl Acetate	250.000	230.107	8.0	99	0.00
24 P	1,1-Dichloroethane	50.000	44.901	10.2	107	0.00
25 T	2-Butanone	250.000	234.972	6.0	97	0.00
26 T	2,2-Dichloropropane	50.000	37.328	25.3#	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.032	1.9	105	0.00
28 T	Bromochloromethane	50.000	49.773	0.5	107	0.00
29 T	Tetrahydrofuran	250.000	252.071	-0.8	104	0.00
30 C	Chloroform	50.000	44.653	10.7#	103	0.00
31 T	Cyclohexane	50.000	47.134	5.7	102	0.00
32 T	1,1,1-Trichloroethane	50.000	45.206	9.6	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.691	10.6	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	48.676	2.6	109	0.00
36 T	1,1-Dichloropropene	50.000	49.140	1.7	101	0.00
37 T	Ethyl Acetate	50.000	45.992	8.0	100	0.00
38 T	Carbon Tetrachloride	50.000	46.425	7.2	103	0.00
39 T	Methylcyclohexane	50.000	54.953	-9.9	103	0.00
40 TM	Benzene	50.000	49.367	1.3	103	0.00
41 T	Methacrylonitrile	50.000	47.663	4.7	101	0.00
42 TM	1,2-Dichloroethane	50.000	46.341	7.3	102	0.00
43 T	Isopropyl Acetate	50.000	51.335	-2.7	102	0.00
44 TM	Trichloroethene	50.000	51.477	-3.0	107	0.00
45 C	1,2-Dichloropropane	50.000	50.306	-0.6#	104	0.00
46 T	Dibromomethane	50.000	47.947	4.1	103	0.00
47 T	Bromodichloromethane	50.000	47.573	4.9	104	0.00
48 T	Methyl methacrylate	50.000	53.490	-7.0	102	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1167.463	-16.7	121	0.00
50 S	Toluene-d8	50.000	48.466	3.1	106	0.00
51 T	4-Methyl-2-Pentanone	250.000	264.841	-5.9	101	0.00
52 CM	Toluene	50.000	53.269	-6.5#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	52.568	-5.1	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.803	-3.6	101	0.00
55 T	1,1,2-Trichloroethane	50.000	48.274	3.5	106	0.00
56 T	Ethyl methacrylate	50.000	58.557	-17.1	105	0.00
57 T	1,3-Dichloropropane	50.000	49.810	0.4	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	216.381	13.4	89	0.00
59 T	2-Hexanone	250.000	243.001	2.8	100	0.00
60 T	Dibromochloromethane	50.000	48.202	3.6	105	0.00
61 T	1,2-Dibromoethane	50.000	50.383	-0.8	106	0.00
62 S	4-Bromofluorobenzene	50.000	54.077	-8.2	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64 T	Tetrachloroethene	50.000	53.046	-6.1	112	0.00
65 PM	Chlorobenzene	50.000	51.179	-2.4	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.681	2.6	104	0.00
67 C	Ethyl Benzene	50.000	56.865	-13.7#	105	0.00
68 T	m/p-Xylenes	100.000	117.516	-17.5	105	0.00
69 T	o-Xylene	50.000	60.545	-21.1#	107	0.00
70 T	Styrene	50.000	51.498	-3.0	105	0.00
71 P	Bromoform	50.000	50.807	-1.6	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	56.535	-13.1	106	0.00
74 T	N-ethyl acetate	50.000	56.220	-12.4	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.742	10.5	101	0.00
76 T	1,2,3-Trichloropropane	50.000	47.621	4.8	105	0.00
77 T	Bromobenzene	50.000	51.072	-2.1	105	0.00
78 T	n-propylbenzene	50.000	56.368	-12.7	103	0.00
79 T	2-Chlorotoluene	50.000	55.084	-10.2	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.686	-15.4	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.092	3.8	94	0.00
82 T	4-Chlorotoluene	50.000	55.449	-10.9	103	0.00
83 T	tert-Butylbenzene	50.000	55.346	-10.7	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	59.363	-18.7	104	0.00
85 T	sec-Butylbenzene	50.000	56.237	-12.5	104	0.00
86 T	p-Isopropyltoluene	50.000	56.269	-12.5	103	0.00
87 T	1,3-Dichlorobenzene	50.000	50.399	-0.8	105	0.00
88 T	1,4-Dichlorobenzene	50.000	47.251	5.5	104	0.00
89 T	n-Butylbenzene	50.000	56.463	-12.9	101	0.00
90 T	Hexachloroethane	50.000	44.980	10.0	103	0.00
91 T	1,2-Dichlorobenzene	50.000	50.868	-1.7	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.471	-4.9	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.161	-10.3	106	0.00
94 T	Hexachlorobutadiene	50.000	46.980	6.0	105	0.00
95 T	Naphthalene	50.000	60.549	-21.1#	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.951	-9.9	105	0.00

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