

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111325\
 Data File : VV039375.D
 Acq On : 13 Nov 2025 11:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 14 05:43:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 05:42:56 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	39.695	20.6#	94	0.00
3 P	Chloromethane	50.000	41.576	16.8	98	0.00
4 C	Vinyl Chloride	50.000	43.439	13.1#	99	0.00
5 T	Bromomethane	50.000	45.156	9.7	101	0.00
6 T	Chloroethane	50.000	43.318	13.4	99	0.00
7 T	Trichlorofluoromethane	50.000	43.095	13.8	98	0.00
8 T	Diethyl Ether	50.000	46.002	8.0	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.624	14.8	98	0.00
10 T	Methyl Iodide	50.000	59.339	-18.7	117	0.00
11 T	Tert butyl alcohol	250.000	350.583	-40.2#	144	0.00
12 CM	1,1-Dichloroethene	50.000	42.931	14.1#	100	0.00
13 T	Acrolein	250.000	359.197	-43.7#	143	0.00
14 T	Allyl chloride	50.000	49.130	1.7	107	0.00
15 T	Acrylonitrile	250.000	268.981	-7.6	113	0.00
16 T	Acetone	250.000	298.253	-19.3	119	0.00
17 T	Carbon Disulfide	50.000	46.566	6.9	92	0.00
18 T	Methyl Acetate	50.000	61.902	-23.8#	116	0.00
19 T	Methyl tert-butyl Ether	50.000	54.384	-8.8	109	0.00
20 T	Methylene Chloride	50.000	52.027	-4.1	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.887	8.2	100	0.00
22 T	Diisopropyl ether	50.000	54.463	-8.9	106	0.00
23 T	Vinyl Acetate	250.000	264.854	-5.9	108	0.00
24 P	1,1-Dichloroethane	50.000	46.280	7.4	103	0.00
25 T	2-Butanone	250.000	279.924	-12.0	120	0.00
26 T	2,2-Dichloropropane	50.000	50.423	-0.8	108	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.676	2.6	104	0.00
28 T	Bromochloromethane	50.000	51.877	-3.8	106	0.00
29 T	Tetrahydrofuran	250.000	288.182	-15.3	117	0.00
30 C	Chloroform	50.000	47.080	5.8#	104	0.00
31 T	Cyclohexane	50.000	42.962	14.1	98	0.00
32 T	1,1,1-Trichloroethane	50.000	47.684	4.6	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.690	0.6	108	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	51.261	-2.5	107	0.00
36 T	1,1-Dichloropropene	50.000	48.345	3.3	98	0.00
37 T	Ethyl Acetate	50.000	42.996	14.0	101	0.00
38 T	Carbon Tetrachloride	50.000	47.055	5.9	101	0.00
39 T	Methylcyclohexane	50.000	48.420	3.2	101	0.00
40 TM	Benzene	50.000	48.715	2.6	103	0.00
41 T	Methacrylonitrile	50.000	65.225	-30.4#	118	0.00
42 TM	1,2-Dichloroethane	50.000	49.437	1.1	105	0.00
43 T	Isopropyl Acetate	50.000	55.110	-10.2	115	0.00
44 TM	Trichloroethene	50.000	47.841	4.3	103	0.00
45 C	1,2-Dichloropropane	50.000	53.897	-7.8#	105	0.00
46 T	Dibromomethane	50.000	47.673	4.7	105	0.00
47 T	Bromodichloromethane	50.000	49.008	2.0	104	0.00
48 T	Methyl methacrylate	50.000	57.637	-15.3	113	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	1187.161	-18.7	138	0.00
50 S	Toluene-d8	50.000	50.483	-1.0	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	298.384	-19.4	115	0.00
52 CM	Toluene	50.000	50.681	-1.4#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	54.245	-8.5	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.984	-8.0	107	0.00
55 T	1,1,2-Trichloroethane	50.000	50.435	-0.9	110	0.00
56 T	Ethyl methacrylate	50.000	57.633	-15.3	109	0.00
57 T	1,3-Dichloropropane	50.000	50.547	-1.1	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	534.113	-113.6#	206	0.00
59 T	2-Hexanone	250.000	314.145	-25.7#	119	0.00
60 T	Dibromochloromethane	50.000	49.017	2.0	105	0.00
61 T	1,2-Dibromoethane	50.000	49.979	0.0	105	0.00
62 S	4-Bromofluorobenzene	50.000	53.707	-7.4	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	46.419	7.2	101	0.00
65 PM	Chlorobenzene	50.000	48.688	2.6	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.215	1.6	106	0.00
67 C	Ethyl Benzene	50.000	52.796	-5.6#	103	0.00
68 T	m/p-Xylenes	100.000	111.385	-11.4	103	0.00
69 T	o-Xylene	50.000	56.214	-12.4	104	0.00
70 T	Styrene	50.000	58.209	-16.4	104	0.00
71 P	Bromoform	50.000	51.458	-2.9	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	54.349	-8.7	104	0.00
74 T	N-amyl acetate	50.000	57.852	-15.7	111	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.472	3.1	110	0.00
76 T	1,2,3-Trichloropropane	50.000	49.091	1.8	109	0.00
77 T	Bromobenzene	50.000	49.320	1.4	104	0.00
78 T	n-propylbenzene	50.000	55.256	-10.5	104	0.00
79 T	2-Chlorotoluene	50.000	53.216	-6.4	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.997	-12.0	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.955	-17.9	116	0.00
82 T	4-Chlorotoluene	50.000	55.649	-11.3	104	0.00
83 T	tert-Butylbenzene	50.000	54.401	-8.8	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.619	-15.2	104	0.00
85 T	sec-Butylbenzene	50.000	55.762	-11.5	106	0.00
86 T	p-Isopropyltoluene	50.000	56.231	-12.5	106	0.00
87 T	1,3-Dichlorobenzene	50.000	50.197	-0.4	104	0.00
88 T	1,4-Dichlorobenzene	50.000	47.634	4.7	104	0.00
89 T	n-Butylbenzene	50.000	56.870	-13.7	107	0.00
90 T	Hexachloroethane	50.000	47.232	5.5	107	0.00
91 T	1,2-Dichlorobenzene	50.000	49.729	0.5	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.171	-0.3	117	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.374	-14.7	110	0.00
94 T	Hexachlorobutadiene	50.000	50.064	-0.1	111	0.00
95 T	Naphthalene	50.000	62.598	-25.2#	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.842	-11.7	106	0.00

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