

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111225\
 Data File : VV039373.D
 Acq On : 12 Nov 2025 14:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 14 00:23:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 00:16:53 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	42.068	15.9	96	0.00
3 P	Chloromethane	50.000	43.986	12.0	100	0.00
4 C	Vinyl Chloride	50.000	43.946	12.1#	97	0.00
5 T	Bromomethane	50.000	45.676	8.6	99	0.00
6 T	Chloroethane	50.000	45.808	8.4	101	0.00
7 T	Trichlorofluoromethane	50.000	44.763	10.5	98	0.00
8 T	Diethyl Ether	50.000	46.775	6.5	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.490	11.0	99	0.00
10 T	Methyl Iodide	50.000	57.097	-14.2	109	0.00
11 T	Tert butyl alcohol	250.000	320.685	-28.3#	127	0.00
12 CM	1,1-Dichloroethene	50.000	43.774	12.5#	98	0.00
13 T	Acrolein	250.000	248.806	0.5	132	0.00
14 T	Allyl chloride	50.000	49.609	0.8	105	0.00
15 T	Acrylonitrile	250.000	268.394	-7.4	109	0.00
16 T	Acetone	250.000	230.361	7.9	113	0.00
17 T	Carbon Disulfide	50.000	39.801	20.4#	94	0.00
18 T	Methyl Acetate	50.000	61.286	-22.6#	110	0.00
19 T	Methyl tert-butyl Ether	50.000	54.991	-10.0	106	0.00
20 T	Methylene Chloride	50.000	42.918	14.2	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.133	5.7	99	0.00
22 T	Diisopropyl ether	50.000	55.640	-11.3	104	0.00
23 T	Vinyl Acetate	250.000	268.839	-7.5	105	0.00
24 P	1,1-Dichloroethane	50.000	47.672	4.7	103	0.00
25 T	2-Butanone	250.000	276.703	-10.7	114	0.00
26 T	2,2-Dichloropropane	50.000	51.736	-3.5	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.520	1.0	102	0.00
28 T	Bromochloromethane	50.000	52.693	-5.4	104	0.00
29 T	Tetrahydrofuran	250.000	283.241	-13.3	111	0.00
30 C	Chloroform	50.000	48.137	3.7#	103	0.00
31 T	Cyclohexane	50.000	44.216	11.6	97	0.00
32 T	1,1,1-Trichloroethane	50.000	48.878	2.2	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.082	-2.2	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	52.188	-4.4	106	0.00
36 T	1,1-Dichloropropene	50.000	50.680	-1.4	99	0.00
37 T	Ethyl Acetate	50.000	44.606	10.8	101	0.00
38 T	Carbon Tetrachloride	50.000	47.860	4.3	99	0.00
39 T	Methylcyclohexane	50.000	49.883	0.2	100	0.00
40 TM	Benzene	50.000	49.478	1.0	101	0.00
41 T	Methacrylonitrile	50.000	64.274	-28.5#	113	0.00
42 TM	1,2-Dichloroethane	50.000	50.618	-1.2	104	0.00
43 T	Isopropyl Acetate	50.000	55.488	-11.0	112	0.00
44 TM	Trichloroethene	50.000	48.893	2.2	101	0.00
45 C	1,2-Dichloropropane	50.000	54.735	-9.5#	103	0.00
46 T	Dibromomethane	50.000	48.065	3.9	102	0.00
47 T	Bromodichloromethane	50.000	50.152	-0.3	103	0.00
48 T	Methyl methacrylate	50.000	57.456	-14.9	109	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	1008.809	-0.9	113	0.00
50 S	Toluene-d8	50.000	52.224	-4.4	106	0.00
51 T	4-Methyl-2-Pentanone	250.000	297.997	-19.2	111	0.00
52 CM	Toluene	50.000	52.080	-4.2#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	55.253	-10.5	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.457	-8.9	104	0.00
55 T	1,1,2-Trichloroethane	50.000	50.328	-0.7	106	0.00
56 T	Ethyl methacrylate	50.000	58.308	-16.6	107	0.00
57 T	1,3-Dichloropropane	50.000	52.137	-4.3	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	538.974	-115.6#	200	0.00
59 T	2-Hexanone	250.000	308.100	-23.2#	112	0.00
60 T	Dibromochloromethane	50.000	50.165	-0.3	103	0.00
61 T	1,2-Dibromoethane	50.000	51.587	-3.2	105	0.00
62 S	4-Bromofluorobenzene	50.000	54.754	-9.5	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	47.069	5.9	99	0.00
65 PM	Chlorobenzene	50.000	50.072	-0.1	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.793	0.4	104	0.00
67 C	Ethyl Benzene	50.000	54.059	-8.1#	102	0.00
68 T	m/p-Xylenes	100.000	113.920	-13.9	102	0.00
69 T	o-Xylene	50.000	56.833	-13.7	101	0.00
70 T	Styrene	50.000	59.409	-18.8	103	0.00
71 P	Bromoform	50.000	51.350	-2.7	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	55.208	-10.4	103	0.00
74 T	N-ethyl acetate	50.000	58.171	-16.3	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.593	2.8	107	0.00
76 T	1,2,3-Trichloropropane	50.000	50.781	-1.6	109	0.00
77 T	Bromobenzene	50.000	50.630	-1.3	104	0.00
78 T	n-propylbenzene	50.000	56.101	-12.2	103	0.00
79 T	2-Chlorotoluene	50.000	53.450	-6.9	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.513	-13.0	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.630	-13.3	108	0.00
82 T	4-Chlorotoluene	50.000	56.481	-13.0	103	0.00
83 T	tert-Butylbenzene	50.000	55.141	-10.3	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	58.533	-17.1	103	0.00
85 T	sec-Butylbenzene	50.000	56.693	-13.4	105	0.00
86 T	p-Isopropyltoluene	50.000	56.585	-13.2	104	0.00
87 T	1,3-Dichlorobenzene	50.000	50.707	-1.4	102	0.00
88 T	1,4-Dichlorobenzene	50.000	48.371	3.3	103	0.00
89 T	n-Butylbenzene	50.000	57.797	-15.6	106	0.00
90 T	Hexachloroethane	50.000	47.174	5.7	104	0.00
91 T	1,2-Dichlorobenzene	50.000	50.290	-0.6	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.567	2.9	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.563	-15.1	108	0.00
94 T	Hexachlorobutadiene	50.000	50.278	-0.6	109	0.00
95 T	Naphthalene	50.000	62.474	-24.9#	107	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.762	-13.5	105	0.00

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