

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102925\
 Data File : VY023618.D
 Acq On : 29 Oct 2025 14:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 30 03:16:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 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	81	0.00
2 T	Dichlorodifluoromethane	50.000	41.301	17.4	75	0.00
3 P	Chloromethane	50.000	42.579	14.8	75	0.00
4 C	Vinyl Chloride	50.000	44.676	10.6#	77	0.00
5 T	Bromomethane	50.000	43.274	13.5	80	0.01
6 T	Chloroethane	50.000	48.390	3.2	82	0.00
7 T	Trichlorofluoromethane	50.000	46.597	6.8	79	0.00
8 T	Diethyl Ether	50.000	49.070	1.9	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.197	-2.4	87	0.01
10 T	Methyl Iodide	50.000	59.241	-18.5	91	0.01
11 T	Tert butyl alcohol	250.000	197.644	20.9	80	0.00
12 CM	1,1-Dichloroethene	50.000	50.297	-0.6#	85	0.01
13 T	Acrolein	250.000	51.754	79.3#	18	0.01
14 T	Allyl chloride	50.000	53.329	-6.7	89	0.01
15 T	Acrylonitrile	250.000	251.128	-0.5	88	0.00
16 T	Acetone	250.000	217.496	13.0	84	0.00
17 T	Carbon Disulfide	50.000	45.750	8.5	77	0.00
18 T	Methyl Acetate	50.000	59.467	-18.9	102	0.00
19 T	Methyl tert-butyl Ether	50.000	52.717	-5.4	90	0.00
20 T	Methylene Chloride	50.000	48.553	2.9	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.082	-4.2	88	0.01
22 T	Diisopropyl ether	50.000	56.049	-12.1	94	0.00
23 T	Vinyl Acetate	250.000	254.919	-2.0	86	0.00
24 P	1,1-Dichloroethane	50.000	54.180	-8.4	92	0.00
25 T	2-Butanone	250.000	234.107	6.4	87	0.00
26 T	2,2-Dichloropropane	50.000	55.419	-10.8	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.234	-10.5	93	0.00
28 T	Bromochloromethane	50.000	48.915	2.2	88	0.00
29 T	Tetrahydrofuran	250.000	247.728	0.9	87	0.00
30 C	Chloroform	50.000	55.351	-10.7#	94	0.00
31 T	Cyclohexane	50.000	47.897	4.2	84	0.00
32 T	1,1,1-Trichloroethane	50.000	53.717	-7.4	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.531	2.9	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	50.686	-1.4	85	0.00
36 T	1,1-Dichloropropene	50.000	53.225	-6.5	89	0.00
37 T	Ethyl Acetate	50.000	50.663	-1.3	89	0.00
38 T	Carbon Tetrachloride	50.000	52.746	-5.5	89	0.00
39 T	Methylcyclohexane	50.000	51.210	-2.4	84	0.00
40 TM	Benzene	50.000	54.073	-8.1	91	0.00
41 T	Methacrylonitrile	50.000	44.280	11.4	79	0.00
42 TM	1,2-Dichloroethane	50.000	52.392	-4.8	91	0.00
43 T	Isopropyl Acetate	50.000	49.820	0.4	87	0.00
44 TM	Trichloroethene	50.000	52.214	-4.4	88	0.00
45 C	1,2-Dichloropropane	50.000	55.277	-10.6#	94	0.00
46 T	Dibromomethane	50.000	52.790	-5.6	90	0.00
47 T	Bromodichloromethane	50.000	55.122	-10.2	93	0.00
48 T	Methyl methacrylate	50.000	52.664	-5.3	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	947.521	5.2	82	0.00
50 S	Toluene-d8	50.000	49.432	1.1	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	258.822	-3.5	89	0.00
52 CM	Toluene	50.000	54.291	-8.6#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	53.378	-6.8	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.502	-9.0	91	0.00
55 T	1,1,2-Trichloroethane	50.000	53.501	-7.0	92	0.00
56 T	Ethyl methacrylate	50.000	53.008	-6.0	87	0.00
57 T	1,3-Dichloropropane	50.000	53.763	-7.5	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	275.829	-10.3	88	0.00
59 T	2-Hexanone	250.000	251.418	-0.6	87	0.00
60 T	Dibromochloromethane	50.000	53.168	-6.3	90	0.00
61 T	1,2-Dibromoethane	50.000	51.545	-3.1	87	0.00
62 S	4-Bromofluorobenzene	50.000	50.624	-1.2	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	51.258	-2.5	83	0.00
65 PM	Chlorobenzene	50.000	53.238	-6.5	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.677	-9.4	93	0.00
67 C	Ethyl Benzene	50.000	55.332	-10.7#	90	0.00
68 T	m/p-Xylenes	100.000	111.311	-11.3	90	0.00
69 T	o-Xylene	50.000	55.479	-11.0	90	0.00
70 T	Styrene	50.000	56.142	-12.3	91	0.00
71 P	Bromoform	50.000	51.645	-3.3	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73 T	Isopropylbenzene	50.000	54.516	-9.0	91	0.00
74 T	N-amyl acetate	50.000	48.095	3.8	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.048	-0.1	91	0.00
76 T	1,2,3-Trichloropropane	50.000	47.611	4.8	82	0.00
77 T	Bromobenzene	50.000	51.235	-2.5	89	0.00
78 T	n-propylbenzene	50.000	54.767	-9.5	90	0.00
79 T	2-Chlorotoluene	50.000	54.108	-8.2	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.093	-10.2	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.480	1.0	89	0.00
82 T	4-Chlorotoluene	50.000	53.898	-7.8	92	0.00
83 T	tert-Butylbenzene	50.000	54.239	-8.5	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.111	-10.2	91	0.00
85 T	sec-Butylbenzene	50.000	54.759	-9.5	91	0.00
86 T	p-Isopropyltoluene	50.000	55.062	-10.1	90	0.00
87 T	1,3-Dichlorobenzene	50.000	51.796	-3.6	90	0.00
88 T	1,4-Dichlorobenzene	50.000	50.825	-1.7	89	0.00
89 T	n-Butylbenzene	50.000	54.372	-8.7	89	0.00
90 T	Hexachloroethane	50.000	51.072	-2.1	89	0.00
91 T	1,2-Dichlorobenzene	50.000	50.880	-1.8	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.320	9.4	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.362	3.3	83	0.00
94 T	Hexachlorobutadiene	50.000	49.074	1.9	83	0.00
95 T	Naphthalene	50.000	45.858	8.3	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.829	6.3	80	0.00

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