

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
 Data File : VY023495.D
 Acq On : 20 Oct 2025 09:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 21 03:53:17 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	43.432	13.1	90	0.00
3 P	Chloromethane	50.000	41.955	16.1	85	0.00
4 C	Vinyl Chloride	50.000	44.279	11.4#	87	0.00
5 T	Bromomethane	50.000	44.117	11.8	93	0.00
6 T	Chloroethane	50.000	46.989	6.0	91	0.00
7 T	Trichlorofluoromethane	50.000	47.866	4.3	93	0.00
8 T	Diethyl Ether	50.000	46.977	6.0	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.022	-0.0	97	0.00
10 T	Methyl Iodide	50.000	55.425	-10.8	97	0.00
11 T	Tert butyl alcohol	250.000	238.750	4.5	110	0.00
12 CM	1,1-Dichloroethene	50.000	48.456	3.1#	93	0.00
13 T	Acrolein	250.000	88.000	64.8#	34	0.01
14 T	Allyl chloride	50.000	45.626	8.7	87	0.00
15 T	Acrylonitrile	250.000	233.847	6.5	94	0.00
16 T	Acetone	250.000	246.734	1.3	108	0.00
17 T	Carbon Disulfide	50.000	46.815	6.4	90	0.00
18 T	Methyl Acetate	50.000	50.963	-1.9	100	0.00
19 T	Methyl tert-butyl Ether	50.000	48.537	2.9	94	0.00
20 T	Methylene Chloride	50.000	45.149	9.7	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.440	-0.9	97	0.00
22 T	Diisopropyl ether	50.000	48.233	3.5	92	0.00
23 T	Vinyl Acetate	250.000	227.456	9.0	88	0.00
24 P	1,1-Dichloroethane	50.000	49.020	2.0	95	0.00
25 T	2-Butanone	250.000	224.649	10.1	96	0.00
26 T	2,2-Dichloropropane	50.000	50.981	-2.0	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.768	-3.5	100	0.00
28 T	Bromochloromethane	50.000	42.199	15.6	87	0.00
29 T	Tetrahydrofuran	250.000	220.392	11.8	88	0.00
30 C	Chloroform	50.000	51.246	-2.5#	99	0.00
31 T	Cyclohexane	50.000	44.939	10.1	90	0.00
32 T	1,1,1-Trichloroethane	50.000	51.062	-2.1	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.129	9.7	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	51.463	-2.9	93	0.00
36 T	1,1-Dichloropropene	50.000	53.565	-7.1	96	0.00
37 T	Ethyl Acetate	50.000	48.487	3.0	91	0.00
38 T	Carbon Tetrachloride	50.000	54.836	-9.7	98	0.00
39 T	Methylcyclohexane	50.000	52.219	-4.4	92	0.00
40 TM	Benzene	50.000	53.325	-6.7	95	0.00
41 T	Methacrylonitrile	50.000	49.293	1.4	94	0.00
42 TM	1,2-Dichloroethane	50.000	51.321	-2.6	95	0.00
43 T	Isopropyl Acetate	50.000	47.184	5.6	88	0.00
44 TM	Trichloroethene	50.000	53.923	-7.8	97	0.00
45 C	1,2-Dichloropropane	50.000	53.701	-7.4#	98	0.00
46 T	Dibromomethane	50.000	53.425	-6.8	97	0.00
47 T	Bromodichloromethane	50.000	54.605	-9.2	99	0.00
48 T	Methyl methacrylate	50.000	47.982	4.0	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1008.798	-0.9	93	0.00
50 S	Toluene-d8	50.000	50.825	-1.7	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.488	-0.2	91	0.00
52 CM	Toluene	50.000	55.484	-11.0#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	52.623	-5.2	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.527	-7.1	96	0.00
55 T	1,1,2-Trichloroethane	50.000	54.709	-9.4	100	0.00
56 T	Ethyl methacrylate	50.000	53.185	-6.4	93	0.00
57 T	1,3-Dichloropropane	50.000	53.368	-6.7	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	254.520	-1.8	86	0.00
59 T	2-Hexanone	250.000	252.586	-1.0	94	0.00
60 T	Dibromochloromethane	50.000	56.001	-12.0	102	0.00
61 T	1,2-Dibromoethane	50.000	53.534	-7.1	97	0.00
62 S	4-Bromofluorobenzene	50.000	50.104	-0.2	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	54.195	-8.4	96	0.00
65 PM	Chlorobenzene	50.000	53.290	-6.6	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.723	-9.4	102	0.00
67 C	Ethyl Benzene	50.000	54.266	-8.5#	96	0.00
68 T	m/p-Xylenes	100.000	110.619	-10.6	97	0.00
69 T	o-Xylene	50.000	55.176	-10.4	98	0.00
70 T	Styrene	50.000	56.530	-13.1	99	0.00
71 P	Bromoform	50.000	54.399	-8.8	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	53.951	-7.9	97	0.00
74 T	N-ethyl acetate	50.000	45.646	8.7	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.230	-2.5	100	0.00
76 T	1,2,3-Trichloropropane	50.000	48.536	2.9	90	0.00
77 T	Bromobenzene	50.000	52.562	-5.1	99	0.00
78 T	n-propylbenzene	50.000	54.623	-9.2	97	0.00
79 T	2-Chlorotoluene	50.000	52.894	-5.8	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.006	-10.0	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.539	-1.1	98	0.00
82 T	4-Chlorotoluene	50.000	53.545	-7.1	98	0.00
83 T	tert-Butylbenzene	50.000	54.352	-8.7	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.758	-9.5	98	0.00
85 T	sec-Butylbenzene	50.000	54.992	-10.0	98	0.00
86 T	p-Isopropyltoluene	50.000	55.154	-10.3	97	0.00
87 T	1,3-Dichlorobenzene	50.000	52.476	-5.0	98	0.00
88 T	1,4-Dichlorobenzene	50.000	51.874	-3.7	98	0.00
89 T	n-Butylbenzene	50.000	54.099	-8.2	96	0.00
90 T	Hexachloroethane	50.000	53.282	-6.6	100	0.00
91 T	1,2-Dichlorobenzene	50.000	52.725	-5.5	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.998	4.0	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.889	-1.8	94	0.00
94 T	Hexachlorobutadiene	50.000	52.895	-5.8	97	0.00
95 T	Naphthalene	50.000	48.113	3.8	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.310	-0.6	93	0.00

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