

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110625\
 Data File : VY023702.D
 Acq On : 06 Nov 2025 15:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 07 04:17:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	41.588	16.8	95	0.00
3 P	Chloromethane	50.000	45.994	8.0	98	0.00
4 C	Vinyl Chloride	50.000	44.733	10.5#	93	0.00
5 T	Bromomethane	50.000	42.599	14.8	92	0.00
6 T	Chloroethane	50.000	46.055	7.9	94	0.00
7 T	Trichlorofluoromethane	50.000	45.997	8.0	95	0.00
8 T	Diethyl Ether	50.000	49.545	0.9	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.710	4.6	98	0.00
10 T	Methyl Iodide	50.000	50.427	-0.9	92	0.00
11 T	Tert butyl alcohol	250.000	235.902	5.6	108	-0.01
12 CM	1,1-Dichloroethene	50.000	48.390	3.2#	98	0.00
13 T	Acrolein	250.000	194.462	22.2	89	0.00
14 T	Allyl chloride	50.000	52.403	-4.8	103	0.00
15 T	Acrylonitrile	250.000	265.339	-6.1	108	0.00
16 T	Acetone	250.000	232.117	7.2	99	0.00
17 T	Carbon Disulfide	50.000	48.500	3.0	99	0.00
18 T	Methyl Acetate	50.000	45.569	8.9	97	0.00
19 T	Methyl tert-butyl Ether	50.000	52.025	-4.0	102	0.00
20 T	Methylene Chloride	50.000	51.223	-2.4	109	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.285	1.4	97	0.00
22 T	Diisopropyl ether	50.000	54.310	-8.6	103	0.00
23 T	Vinyl Acetate	250.000	280.433	-12.2	106	0.00
24 P	1,1-Dichloroethane	50.000	50.549	-1.1	101	0.00
25 T	2-Butanone	250.000	245.669	1.7	104	0.00
26 T	2,2-Dichloropropane	50.000	48.573	2.9	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.288	-0.6	99	0.00
28 T	Bromochloromethane	50.000	51.086	-2.2	104	0.00
29 T	Tetrahydrofuran	250.000	272.459	-9.0	110	0.00
30 C	Chloroform	50.000	50.094	-0.2#	100	0.00
31 T	Cyclohexane	50.000	50.075	-0.2	102	0.00
32 T	1,1,1-Trichloroethane	50.000	49.814	0.4	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.976	2.0	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	48.509	3.0	95	0.00
36 T	1,1-Dichloropropene	50.000	50.180	-0.4	100	0.00
37 T	Ethyl Acetate	50.000	53.420	-6.8	109	0.00
38 T	Carbon Tetrachloride	50.000	49.339	1.3	99	0.00
39 T	Methylcyclohexane	50.000	51.112	-2.2	99	0.00
40 TM	Benzene	50.000	50.176	-0.4	100	0.00
41 T	Methacrylonitrile	50.000	53.913	-7.8	110	0.00
42 TM	1,2-Dichloroethane	50.000	49.890	0.2	101	0.00
43 T	Isopropyl Acetate	50.000	53.115	-6.2	107	0.00
44 TM	Trichloroethene	50.000	48.386	3.2	98	0.00
45 C	1,2-Dichloropropane	50.000	51.139	-2.3#	102	0.00
46 T	Dibromomethane	50.000	50.056	-0.1	102	0.00
47 T	Bromodichloromethane	50.000	50.755	-1.5	101	0.00
48 T	Methyl methacrylate	50.000	53.589	-7.2	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1059.791	-6.0	106	0.00
50 S	Toluene-d8	50.000	49.821	0.4	95	0.00
51 T	4-Methyl-2-Pentanone	250.000	266.305	-6.5	106	0.00
52 CM	Toluene	50.000	51.832	-3.7#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	52.219	-4.4	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.702	-3.4	100	0.00
55 T	1,1,2-Trichloroethane	50.000	50.642	-1.3	102	0.00
56 T	Ethyl methacrylate	50.000	55.819	-11.6	104	0.00
57 T	1,3-Dichloropropane	50.000	51.373	-2.7	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.390	-9.4	102	0.00
59 T	2-Hexanone	250.000	258.774	-3.5	104	0.00
60 T	Dibromochloromethane	50.000	50.179	-0.4	99	0.00
61 T	1,2-Dibromoethane	50.000	50.379	-0.8	100	0.00
62 S	4-Bromofluorobenzene	50.000	50.766	-1.5	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	48.593	2.8	96	0.00
65 PM	Chlorobenzene	50.000	48.577	2.8	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.932	2.1	97	0.00
67 C	Ethyl Benzene	50.000	51.648	-3.3#	98	0.00
68 T	m/p-Xylenes	100.000	102.481	-2.5	97	0.00
69 T	o-Xylene	50.000	52.165	-4.3	98	0.00
70 T	Styrene	50.000	52.835	-5.7	99	0.00
71 P	Bromoform	50.000	50.177	-0.4	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	51.560	-3.1	98	0.00
74 T	N-ethyl acetate	50.000	53.169	-6.3	103	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.929	0.1	104	0.00
76 T	1,2,3-Trichloropropane	50.000	48.454	3.1	103	0.00
77 T	Bromobenzene	50.000	49.586	0.8	98	0.00
78 T	n-propylbenzene	50.000	51.883	-3.8	98	0.00
79 T	2-Chlorotoluene	50.000	51.463	-2.9	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.976	-4.0	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.597	0.8	101	0.00
82 T	4-Chlorotoluene	50.000	50.545	-1.1	98	0.00
83 T	tert-Butylbenzene	50.000	51.724	-3.4	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.167	-4.3	98	0.00
85 T	sec-Butylbenzene	50.000	51.075	-2.2	98	0.00
86 T	p-Isopropyltoluene	50.000	51.523	-3.0	97	0.00
87 T	1,3-Dichlorobenzene	50.000	48.611	2.8	96	0.00
88 T	1,4-Dichlorobenzene	50.000	47.476	5.0	95	0.00
89 T	n-Butylbenzene	50.000	51.333	-2.7	96	0.00
90 T	Hexachloroethane	50.000	48.792	2.4	98	0.00
91 T	1,2-Dichlorobenzene	50.000	48.889	2.2	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.475	5.0	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.409	3.2	94	0.00
94 T	Hexachlorobutadiene	50.000	46.355	7.3	91	0.00
95 T	Naphthalene	50.000	44.619	10.8	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.277	1.4	95	0.00

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