

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
 Data File : VY023939.D
 Acq On : 11 Dec 2025 07:51
 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: Dec 12 03:16:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	47.923	4.2	86	0.00
3 P	Chloromethane	50.000	49.871	0.3	90	0.00
4 C	Vinyl Chloride	50.000	50.361	-0.7#	87	0.00
5 T	Bromomethane	50.000	46.606	6.8	92	0.00
6 T	Chloroethane	50.000	48.316	3.4	85	0.00
7 T	Trichlorofluoromethane	50.000	49.253	1.5	87	0.00
8 T	Diethyl Ether	50.000	51.061	-2.1	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.390	3.2	87	0.00
10 T	Methyl Iodide	50.000	47.194	5.6	79	0.00
11 T	Tert butyl alcohol	250.000	275.764	-10.3	104	0.00
12 CM	1,1-Dichloroethene	50.000	49.708	0.6#	87	0.00
13 T	Acrolein	250.000	365.373	-46.1#	187	0.00
14 T	Allyl chloride	50.000	50.418	-0.8	86	0.00
15 T	Acrylonitrile	250.000	260.832	-4.3	94	0.00
16 T	Acetone	250.000	279.098	-11.6	98	0.00
17 T	Carbon Disulfide	50.000	53.511	-7.0	85	0.00
18 T	Methyl Acetate	50.000	51.648	-3.3	93	0.00
19 T	Methyl tert-butyl Ether	50.000	51.411	-2.8	89	0.00
20 T	Methylene Chloride	50.000	45.068	9.9	86	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.983	2.0	85	0.00
22 T	Diisopropyl ether	50.000	50.021	-0.0	86	0.00
23 T	Vinyl Acetate	250.000	264.500	-5.8	90	0.00
24 P	1,1-Dichloroethane	50.000	48.498	3.0	85	0.00
25 T	2-Butanone	250.000	258.941	-3.6	98	0.00
26 T	2,2-Dichloropropane	50.000	49.029	1.9	86	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.581	0.8	86	0.00
28 T	Bromochloromethane	50.000	54.946	-9.9	138	0.00
29 T	Tetrahydrofuran	250.000	276.662	-10.7	96	0.00
30 C	Chloroform	50.000	47.892	4.2#	85	0.00
31 T	Cyclohexane	50.000	49.311	1.4	86	0.00
32 T	1,1,1-Trichloroethane	50.000	48.298	3.4	85	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.731	-1.5	116	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	50.144	-0.3	110	0.00
36 T	1,1-Dichloropropene	50.000	50.449	-0.9	85	0.00
37 T	Ethyl Acetate	50.000	52.579	-5.2	92	0.00
38 T	Carbon Tetrachloride	50.000	49.445	1.1	86	0.00
39 T	Methylcyclohexane	50.000	51.732	-3.5	85	0.00
40 TM	Benzene	50.000	49.686	0.6	85	0.00
41 T	Methacrylonitrile	50.000	45.742	8.5	83	0.00
42 TM	1,2-Dichloroethane	50.000	49.854	0.3	88	0.00
43 T	Isopropyl Acetate	50.000	54.002	-8.0	93	0.00
44 TM	Trichloroethene	50.000	48.763	2.5	85	0.00
45 C	1,2-Dichloropropane	50.000	48.979	2.0#	86	0.00
46 T	Dibromomethane	50.000	51.617	-3.2	90	0.00
47 T	Bromodichloromethane	50.000	49.472	1.1	87	0.00
48 T	Methyl methacrylate	50.000	55.390	-10.8	92	0.00

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

49 T	1,4-Dioxane	1000.000	1087.841	-8.8	97	0.00
50 S	Toluene-d8	50.000	50.163	-0.3	109	0.00
51 T	4-Methyl-2-Pentanone	250.000	279.237	-11.7	95	0.00
52 CM	Toluene	50.000	49.993	0.0#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	51.676	-3.4	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.042	-2.1	87	0.00
55 T	1,1,2-Trichloroethane	50.000	49.902	0.2	89	0.00
56 T	Ethyl methacrylate	50.000	55.408	-10.8	92	0.00
57 T	1,3-Dichloropropane	50.000	50.931	-1.9	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	239.837	4.1	88	0.00
59 T	2-Hexanone	250.000	275.992	-10.4	98	0.00
60 T	Dibromochloromethane	50.000	51.091	-2.2	89	0.00
61 T	1,2-Dibromoethane	50.000	51.129	-2.3	89	0.00
62 S	4-Bromofluorobenzene	50.000	50.100	-0.2	110	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	48.891	2.2	84	0.00
65 PM	Chlorobenzene	50.000	49.300	1.4	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.991	2.0	86	0.00
67 C	Ethyl Benzene	50.000	50.577	-1.2#	86	0.00
68 T	m/p-Xylenes	100.000	101.245	-1.2	86	0.00
69 T	o-Xylene	50.000	50.579	-1.2	85	0.00
70 T	Styrene	50.000	51.518	-3.0	86	0.00
71 P	Bromoform	50.000	52.463	-4.9	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	50.394	-0.8	86	0.00
74 T	N-amyl acetate	50.000	57.131	-14.3	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.206	-4.4	94	0.00
76 T	1,2,3-Trichloropropane	50.000	49.101	1.8	98	0.00
77 T	Bromobenzene	50.000	49.488	1.0	88	0.00
78 T	n-propylbenzene	50.000	50.549	-1.1	86	0.00
79 T	2-Chlorotoluene	50.000	49.900	0.2	86	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.491	-1.0	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.298	-6.6	94	0.00
82 T	4-Chlorotoluene	50.000	49.771	0.5	87	0.00
83 T	tert-Butylbenzene	50.000	50.062	-0.1	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.765	-1.5	86	0.00
85 T	sec-Butylbenzene	50.000	49.983	0.0	86	0.00
86 T	p-Isopropyltoluene	50.000	50.275	-0.5	86	0.00
87 T	1,3-Dichlorobenzene	50.000	49.354	1.3	89	0.00
88 T	1,4-Dichlorobenzene	50.000	48.768	2.5	89	0.00
89 T	n-Butylbenzene	50.000	50.467	-0.9	87	0.00
90 T	Hexachloroethane	50.000	48.537	2.9	86	0.00
91 T	1,2-Dichlorobenzene	50.000	49.625	0.8	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.882	-5.8	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.992	-4.0	96	0.00
94 T	Hexachlorobutadiene	50.000	49.650	0.7	93	0.00
95 T	Naphthalene	50.000	56.766	-13.5	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.384	-4.8	99	0.00

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