

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
 Data File : VY023961.D
 Acq On : 11 Dec 2025 17:38
 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 03:27:32 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	51.319	-2.6	87	0.00
3 P	Chloromethane	50.000	52.368	-4.7	89	0.00
4 C	Vinyl Chloride	50.000	54.019	-8.0#	87	0.00
5 T	Bromomethane	50.000	50.070	-0.1	93	0.00
6 T	Chloroethane	50.000	53.917	-7.8	89	0.00
7 T	Trichlorofluoromethane	50.000	52.771	-5.5	88	0.00
8 T	Diethyl Ether	50.000	55.608	-11.2	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.718	-3.4	87	0.00
10 T	Methyl Iodide	50.000	55.868	-11.7	88	0.00
11 T	Tert butyl alcohol	250.000	273.610	-9.4	97	0.00
12 CM	1,1-Dichloroethene	50.000	54.253	-8.5#	89	0.00
13 T	Acrolein	250.000	314.773	-25.9#	151	0.00
14 T	Allyl chloride	50.000	51.266	-2.5	83	0.00
15 T	Acrylonitrile	250.000	270.601	-8.2	92	0.00
16 T	Acetone	250.000	263.442	-5.4	87	0.00
17 T	Carbon Disulfide	50.000	56.719	-13.4	84	0.00
18 T	Methyl Acetate	50.000	54.020	-8.0	91	0.00
19 T	Methyl tert-butyl Ether	50.000	56.643	-13.3	92	0.00
20 T	Methylene Chloride	50.000	58.053	-16.1	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.522	-9.0	89	0.00
22 T	Diisopropyl ether	50.000	52.762	-5.5	85	0.00
23 T	Vinyl Acetate	250.000	262.235	-4.9	84	0.00
24 P	1,1-Dichloroethane	50.000	53.306	-6.6	88	0.00
25 T	2-Butanone	250.000	250.684	-0.3	89	0.00
26 T	2,2-Dichloropropane	50.000	50.454	-0.9	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.255	-12.5	92	0.00
28 T	Bromochloromethane	50.000	47.719	4.6	113	0.00
29 T	Tetrahydrofuran	250.000	273.473	-9.4	90	0.00
30 C	Chloroform	50.000	54.569	-9.1#	91	0.00
31 T	Cyclohexane	50.000	50.226	-0.5	82	0.00
32 T	1,1,1-Trichloroethane	50.000	53.628	-7.3	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.611	2.8	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	49.722	0.6	104	0.00
36 T	1,1-Dichloropropene	50.000	52.767	-5.5	85	0.00
37 T	Ethyl Acetate	50.000	53.654	-7.3	89	0.00
38 T	Carbon Tetrachloride	50.000	52.925	-5.8	88	0.00
39 T	Methylcyclohexane	50.000	54.752	-9.5	86	0.00
40 TM	Benzene	50.000	54.551	-9.1	90	0.00
41 T	Methacrylonitrile	50.000	55.922	-11.8	97	0.00
42 TM	1,2-Dichloroethane	50.000	54.210	-8.4	91	0.00
43 T	Isopropyl Acetate	50.000	55.096	-10.2	91	0.00
44 TM	Trichloroethene	50.000	56.145	-12.3	94	0.00
45 C	1,2-Dichloropropane	50.000	53.888	-7.8#	90	0.00
46 T	Dibromomethane	50.000	57.213	-14.4	95	0.00
47 T	Bromodichloromethane	50.000	54.612	-9.2	92	0.00
48 T	Methyl methacrylate	50.000	56.275	-12.5	89	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

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

49 T	1,4-Dioxane	1000.000	1127.369	-12.7	96	0.00
50 S	Toluene-d8	50.000	49.672	0.7	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	272.256	-8.9	89	0.00
52 CM	Toluene	50.000	54.216	-8.4#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	56.098	-12.2	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.876	-11.8	91	0.00
55 T	1,1,2-Trichloroethane	50.000	56.562	-13.1	96	0.00
56 T	Ethyl methacrylate	50.000	59.539	-19.1	95	0.00
57 T	1,3-Dichloropropane	50.000	55.481	-11.0	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	272.869	-9.1	96	0.00
59 T	2-Hexanone	250.000	265.121	-6.0	90	0.00
60 T	Dibromochloromethane	50.000	56.874	-13.7	94	0.00
61 T	1,2-Dibromoethane	50.000	57.884	-15.8	97	0.00
62 S	4-Bromofluorobenzene	50.000	51.335	-2.7	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	59.966	-19.9	101	0.00
65 PM	Chlorobenzene	50.000	53.967	-7.9	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.929	-9.9	94	0.00
67 C	Ethyl Benzene	50.000	54.102	-8.2#	89	0.00
68 T	m/p-Xylenes	100.000	109.314	-9.3	90	0.00
69 T	o-Xylene	50.000	55.521	-11.0	91	0.00
70 T	Styrene	50.000	56.329	-12.7	91	0.00
71 P	Bromoform	50.000	56.011	-12.0	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	53.533	-7.1	90	0.00
74 T	N-amyl acetate	50.000	55.621	-11.2	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.589	-3.2	92	0.00
76 T	1,2,3-Trichloropropane	50.000	55.666	-11.3	109	0.00
77 T	Bromobenzene	50.000	53.960	-7.9	95	0.00
78 T	n-propylbenzene	50.000	52.587	-5.2	88	0.00
79 T	2-Chlorotoluene	50.000	52.928	-5.9	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.861	-7.7	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.757	-5.5	92	0.00
82 T	4-Chlorotoluene	50.000	52.989	-6.0	92	0.00
83 T	tert-Butylbenzene	50.000	53.708	-7.4	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.811	-7.6	90	0.00
85 T	sec-Butylbenzene	50.000	52.781	-5.6	90	0.00
86 T	p-Isopropyltoluene	50.000	53.099	-6.2	90	0.00
87 T	1,3-Dichlorobenzene	50.000	52.416	-4.8	93	0.00
88 T	1,4-Dichlorobenzene	50.000	51.127	-2.3	92	0.00
89 T	n-Butylbenzene	50.000	51.776	-3.6	88	0.00
90 T	Hexachloroethane	50.000	52.568	-5.1	92	0.00
91 T	1,2-Dichlorobenzene	50.000	52.594	-5.2	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.196	-6.4	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.699	-5.4	96	0.00
94 T	Hexachlorobutadiene	50.000	52.069	-4.1	96	0.00
95 T	Naphthalene	50.000	57.479	-15.0	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.097	-4.2	97	0.00

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