

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102925\
 Data File : VY023611.D
 Acq On : 29 Oct 2025 09:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 30 03:12:30 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	80	0.00
2 T	Dichlorodifluoromethane	50.000	43.072	13.9	77	0.00
3 P	Chloromethane	50.000	45.251	9.5	79	0.00
4 C	Vinyl Chloride	50.000	47.381	5.2#	81	0.00
5 T	Bromomethane	50.000	46.628	6.7	85	0.00
6 T	Chloroethane	50.000	50.996	-2.0	85	0.00
7 T	Trichlorofluoromethane	50.000	50.923	-1.8	86	0.00
8 T	Diethyl Ether	50.000	48.072	3.9	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.784	-7.6	90	0.00
10 T	Methyl Iodide	50.000	55.585	-11.2	84	0.00
11 T	Tert butyl alcohol	250.000	225.222	9.9	90	0.00
12 CM	1,1-Dichloroethene	50.000	51.091	-2.2#	85	0.00
13 T	Acrolein	250.000	49.259	80.3#	16	0.00
14 T	Allyl chloride	50.000	52.631	-5.3	87	0.00
15 T	Acrylonitrile	250.000	246.933	1.2	86	0.00
16 T	Acetone	250.000	249.304	0.3	95	0.00
17 T	Carbon Disulfide	50.000	47.763	4.5	79	0.00
18 T	Methyl Acetate	50.000	57.579	-15.2	98	0.00
19 T	Methyl tert-butyl Ether	50.000	50.525	-1.0	85	0.00
20 T	Methylene Chloride	50.000	47.338	5.3	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.728	-5.5	88	0.00
22 T	Diisopropyl ether	50.000	55.176	-10.4	91	0.00
23 T	Vinyl Acetate	250.000	247.808	0.9	82	0.00
24 P	1,1-Dichloroethane	50.000	54.407	-8.8	91	0.00
25 T	2-Butanone	250.000	239.171	4.3	88	0.00
26 T	2,2-Dichloropropane	50.000	55.157	-10.3	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.711	-9.4	91	0.00
28 T	Bromochloromethane	50.000	47.200	5.6	84	0.00
29 T	Tetrahydrofuran	250.000	237.571	5.0	82	0.00
30 C	Chloroform	50.000	55.687	-11.4#	93	0.00
31 T	Cyclohexane	50.000	49.218	1.6	85	0.00
32 T	1,1,1-Trichloroethane	50.000	54.600	-9.2	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.550	8.9	78	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35 S	Dibromofluoromethane	50.000	49.796	0.4	81	0.00
36 T	1,1-Dichloropropene	50.000	56.043	-12.1	90	0.00
37 T	Ethyl Acetate	50.000	47.091	5.8	79	0.00
38 T	Carbon Tetrachloride	50.000	56.020	-12.0	90	0.00
39 T	Methylcyclohexane	50.000	54.252	-8.5	86	0.00
40 TM	Benzene	50.000	56.021	-12.0	90	0.00
41 T	Methacrylonitrile	50.000	54.176	-8.4	93	0.00
42 TM	1,2-Dichloroethane	50.000	53.596	-7.2	89	0.00
43 T	Isopropyl Acetate	50.000	48.797	2.4	82	0.00
44 TM	Trichloroethene	50.000	54.649	-9.3	88	0.00
45 C	1,2-Dichloropropane	50.000	56.695	-13.4#	93	0.00
46 T	Dibromomethane	50.000	54.024	-8.0	88	0.00
47 T	Bromodichloromethane	50.000	56.307	-12.6	91	0.00
48 T	Methyl methacrylate	50.000	50.522	-1.0	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	956.692	4.3	79	0.00
50 S	Toluene-d8	50.000	48.733	2.5	78	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.525	-2.6	84	0.00
52 CM	Toluene	50.000	56.797	-13.6#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	53.834	-7.7	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.555	-9.1	88	0.00
55 T	1,1,2-Trichloroethane	50.000	55.249	-10.5	91	0.00
56 T	Ethyl methacrylate	50.000	52.588	-5.2	83	0.00
57 T	1,3-Dichloropropane	50.000	54.348	-8.7	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.945	-3.6	79	0.00
59 T	2-Hexanone	250.000	254.118	-1.6	85	0.00
60 T	Dibromochloromethane	50.000	54.935	-9.9	90	0.00
61 T	1,2-Dibromoethane	50.000	53.577	-7.2	87	0.00
62 S	4-Bromofluorobenzene	50.000	50.350	-0.7	82	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64 T	Tetrachloroethene	50.000	54.750	-9.5	86	0.00
65 PM	Chlorobenzene	50.000	55.143	-10.3	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.703	-11.4	92	0.00
67 C	Ethyl Benzene	50.000	57.871	-15.7#	91	0.00
68 T	m/p-Xylenes	100.000	116.670	-16.7	91	0.00
69 T	o-Xylene	50.000	58.372	-16.7	91	0.00
70 T	Styrene	50.000	58.725	-17.5	91	0.00
71 P	Bromoform	50.000	52.504	-5.0	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73 T	Isopropylbenzene	50.000	57.714	-15.4	92	0.00
74 T	N-amyl acetate	50.000	47.984	4.0	78	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.832	-3.7	90	0.00
76 T	1,2,3-Trichloropropane	50.000	46.820	6.4	76	0.00
77 T	Bromobenzene	50.000	53.736	-7.5	89	0.00
78 T	n-propylbenzene	50.000	58.720	-17.4	92	0.00
79 T	2-Chlorotoluene	50.000	56.850	-13.7	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.655	-17.3	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.696	0.6	85	0.00
82 T	4-Chlorotoluene	50.000	56.700	-13.4	92	0.00
83 T	tert-Butylbenzene	50.000	58.335	-16.7	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	58.620	-17.2	92	0.00
85 T	sec-Butylbenzene	50.000	58.994	-18.0	93	0.00
86 T	p-Isopropyltoluene	50.000	58.953	-17.9	92	0.00
87 T	1,3-Dichlorobenzene	50.000	54.518	-9.0	90	0.00
88 T	1,4-Dichlorobenzene	50.000	54.121	-8.2	90	0.00
89 T	n-Butylbenzene	50.000	58.938	-17.9	92	0.00
90 T	Hexachloroethane	50.000	55.998	-12.0	93	0.00
91 T	1,2-Dichlorobenzene	50.000	53.948	-7.9	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.247	7.5	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.188	-2.4	83	0.00
94 T	Hexachlorobutadiene	50.000	54.917	-9.8	88	0.00
95 T	Naphthalene	50.000	48.389	3.2	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.361	-0.7	82	0.00

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