

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111125\
 Data File : VY023750.D
 Acq On : 11 Nov 2025 19:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 12 03:41:26 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	85	0.00
2 T	Dichlorodifluoromethane	50.000	36.540	26.9#	70	0.00
3 P	Chloromethane	50.000	41.540	16.9	77	0.00
4 C	Vinyl Chloride	50.000	41.800	16.4#	76	0.00
5 T	Bromomethane	50.000	44.260	11.5	86	0.00
6 T	Chloroethane	50.000	44.977	10.0	81	0.00
7 T	Trichlorofluoromethane	50.000	43.267	13.5	78	0.00
8 T	Diethyl Ether	50.000	50.323	-0.6	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.720	6.6	84	0.00
10 T	Methyl Iodide	50.000	55.846	-11.7	91	0.01
11 T	Tert butyl alcohol	250.000	234.095	6.4	99	0.00
12 CM	1,1-Dichloroethene	50.000	48.968	2.1#	87	0.00
13 T	Acrolein	250.000	114.753	54.1#	41	0.01
14 T	Allyl chloride	50.000	48.161	3.7	85	0.01
15 T	Acrylonitrile	250.000	258.021	-3.2	96	0.00
16 T	Acetone	250.000	209.072	16.4	85	0.00
17 T	Carbon Disulfide	50.000	49.568	0.9	88	0.00
18 T	Methyl Acetate	50.000	41.209	17.6	75	0.00
19 T	Methyl tert-butyl Ether	50.000	52.623	-5.2	94	0.00
20 T	Methylene Chloride	50.000	45.784	8.4	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.770	-1.5	90	0.00
22 T	Diisopropyl ether	50.000	50.936	-1.9	90	0.00
23 T	Vinyl Acetate	250.000	261.084	-4.4	93	0.00
24 P	1,1-Dichloroethane	50.000	49.647	0.7	89	0.00
25 T	2-Butanone	250.000	228.259	8.7	90	0.00
26 T	2,2-Dichloropropane	50.000	46.351	7.3	82	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.384	-4.8	93	0.00
28 T	Bromochloromethane	50.000	51.671	-3.3	98	0.00
29 T	Tetrahydrofuran	250.000	248.664	0.5	92	0.00
30 C	Chloroform	50.000	51.213	-2.4#	91	0.00
31 T	Cyclohexane	50.000	45.010	10.0	83	0.00
32 T	1,1,1-Trichloroethane	50.000	49.330	1.3	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.192	-0.4	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	51.506	-3.0	93	0.00
36 T	1,1-Dichloropropene	50.000	48.381	3.2	87	0.00
37 T	Ethyl Acetate	50.000	51.550	-3.1	97	0.00
38 T	Carbon Tetrachloride	50.000	47.751	4.5	86	0.00
39 T	Methylcyclohexane	50.000	48.426	3.1	86	0.00
40 TM	Benzene	50.000	50.378	-0.8	91	0.00
41 T	Methacrylonitrile	50.000	51.584	-3.2	99	0.00
42 TM	1,2-Dichloroethane	50.000	48.610	2.8	90	0.00
43 T	Isopropyl Acetate	50.000	49.887	0.2	94	0.00
44 TM	Trichloroethene	50.000	50.191	-0.4	91	0.00
45 C	1,2-Dichloropropane	50.000	50.707	-1.4#	93	0.00
46 T	Dibromomethane	50.000	50.868	-1.7	93	0.00
47 T	Bromodichloromethane	50.000	50.354	-0.7	92	0.00
48 T	Methyl methacrylate	50.000	48.271	3.5	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	949.966	5.0	88	0.00
50 S	Toluene-d8	50.000	52.333	-4.7	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	255.465	-2.2	94	0.00
52 CM	Toluene	50.000	51.131	-2.3#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	49.904	0.2	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.467	-0.9	91	0.00
55 T	1,1,2-Trichloroethane	50.000	51.791	-3.6	96	0.00
56 T	Ethyl methacrylate	50.000	54.809	-9.6	97	0.00
57 T	1,3-Dichloropropane	50.000	51.563	-3.1	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	276.116	-10.4	94	0.00
59 T	2-Hexanone	250.000	244.028	2.4	91	0.00
60 T	Dibromochloromethane	50.000	51.591	-3.2	94	0.00
61 T	1,2-Dibromoethane	50.000	51.633	-3.3	94	0.00
62 S	4-Bromofluorobenzene	50.000	53.971	-7.9	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	51.768	-3.5	93	0.00
65 PM	Chlorobenzene	50.000	49.787	0.4	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.681	0.6	94	0.00
67 C	Ethyl Benzene	50.000	50.544	-1.1#	91	0.00
68 T	m/p-Xylenes	100.000	101.465	-1.5	91	0.00
69 T	o-Xylene	50.000	51.289	-2.6	92	0.00
70 T	Styrene	50.000	51.691	-3.4	92	0.00
71 P	Bromoform	50.000	49.716	0.6	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	50.170	-0.3	91	0.00
74 T	N-amyl acetate	50.000	49.228	1.5	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.288	3.4	95	0.00
76 T	1,2,3-Trichloropropane	50.000	43.709	12.6	81	0.00
77 T	Bromobenzene	50.000	49.872	0.3	94	0.00
78 T	n-propylbenzene	50.000	49.915	0.2	89	0.00
79 T	2-Chlorotoluene	50.000	49.845	0.3	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.426	-0.9	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.559	4.9	92	0.00
82 T	4-Chlorotoluene	50.000	49.033	1.9	90	0.00
83 T	tert-Butylbenzene	50.000	49.834	0.3	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.677	-1.4	91	0.00
85 T	sec-Butylbenzene	50.000	49.151	1.7	88	0.00
86 T	p-Isopropyltoluene	50.000	49.567	0.9	88	0.00
87 T	1,3-Dichlorobenzene	50.000	48.085	3.8	90	0.00
88 T	1,4-Dichlorobenzene	50.000	47.947	4.1	91	0.00
89 T	n-Butylbenzene	50.000	48.478	3.0	86	0.00
90 T	Hexachloroethane	50.000	47.452	5.1	89	0.00
91 T	1,2-Dichlorobenzene	50.000	48.579	2.8	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.660	4.7	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.243	9.5	84	0.00
94 T	Hexachlorobutadiene	50.000	43.494	13.0	80	0.00
95 T	Naphthalene	50.000	46.740	6.5	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.106	9.8	84	0.00

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