

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
 Data File : VY023059.D
 Acq On : 13 Aug 2025 09:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 14 01:19:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	41.006	18.0	95	0.00
3 P	Chloromethane	50.000	46.863	6.3	101	0.00
4 C	Vinyl Chloride	50.000	48.195	3.6#	102	0.00
5 T	Bromomethane	50.000	47.148	5.7	106	0.00
6 T	Chloroethane	50.000	49.279	1.4	103	0.00
7 T	Trichlorofluoromethane	50.000	47.512	5.0	100	0.00
8 T	Diethyl Ether	50.000	45.547	8.9	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.444	5.1	100	0.00
10 T	Methyl Iodide	50.000	50.312	-0.6	96	0.00
11 T	Tert butyl alcohol	250.000	209.916	16.0	86	0.00
12 CM	1,1-Dichloroethene	50.000	47.613	4.8#	99	0.00
13 T	Acrolein	250.000	207.313	17.1	88	0.00
14 T	Allyl chloride	50.000	48.395	3.2	99	0.00
15 T	Acrylonitrile	250.000	226.059	9.6	91	0.00
16 T	Acetone	250.000	253.265	-1.3	101	0.00
17 T	Carbon Disulfide	50.000	47.654	4.7	100	0.00
18 T	Methyl Acetate	50.000	41.723	16.6	79	0.00
19 T	Methyl tert-butyl Ether	50.000	46.387	7.2	93	0.00
20 T	Methylene Chloride	50.000	48.260	3.5	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.558	2.9	100	0.00
22 T	Diisopropyl ether	50.000	48.705	2.6	99	0.00
23 T	Vinyl Acetate	250.000	241.571	3.4	97	0.00
24 P	1,1-Dichloroethane	50.000	48.480	3.0	99	0.00
25 T	2-Butanone	250.000	229.361	8.3	90	0.00
26 T	2,2-Dichloropropane	50.000	49.978	0.0	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.671	4.7	98	0.00
28 T	Bromochloromethane	50.000	49.222	1.6	100	0.00
29 T	Tetrahydrofuran	250.000	224.929	10.0	89	0.00
30 C	Chloroform	50.000	47.994	4.0#	98	0.00
31 T	Cyclohexane	50.000	46.262	7.5	100	0.00
32 T	1,1,1-Trichloroethane	50.000	48.765	2.5	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.931	0.1	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	50.227	-0.5	101	0.00
36 T	1,1-Dichloropropene	50.000	48.533	2.9	98	0.00
37 T	Ethyl Acetate	50.000	45.366	9.3	89	0.00
38 T	Carbon Tetrachloride	50.000	48.841	2.3	100	0.00
39 T	Methylcyclohexane	50.000	49.119	1.8	100	0.00
40 TM	Benzene	50.000	48.666	2.7	99	0.00
41 T	Methacrylonitrile	50.000	45.492	9.0	88	0.00
42 TM	1,2-Dichloroethane	50.000	47.637	4.7	97	0.00
43 T	Isopropyl Acetate	50.000	46.179	7.6	92	0.00
44 TM	Trichloroethene	50.000	48.551	2.9	99	0.00
45 C	1,2-Dichloropropane	50.000	48.591	2.8#	98	0.00
46 T	Dibromomethane	50.000	48.268	3.5	97	0.00
47 T	Bromodichloromethane	50.000	48.276	3.4	97	0.00
48 T	Methyl methacrylate	50.000	45.747	8.5	87	0.00

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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)

49 T	1,4-Dioxane	1000.000	905.464	9.5	90	0.00
50 S	Toluene-d8	50.000	51.328	-2.7	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	232.613	7.0	90	0.00
52 CM	Toluene	50.000	49.619	0.8#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	48.623	2.8	96	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.667	2.7	97	0.00
55 T	1,1,2-Trichloroethane	50.000	46.330	7.3	93	0.00
56 T	Ethyl methacrylate	50.000	48.194	3.6	92	0.00
57 T	1,3-Dichloropropane	50.000	47.351	5.3	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.593	1.4	92	0.00
59 T	2-Hexanone	250.000	243.235	2.7	93	0.00
60 T	Dibromochloromethane	50.000	46.904	6.2	93	0.00
61 T	1,2-Dibromoethane	50.000	46.761	6.5	93	0.00
62 S	4-Bromofluorobenzene	50.000	50.020	-0.0	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	50.070	-0.1	101	0.00
65 PM	Chlorobenzene	50.000	48.346	3.3	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.113	3.8	96	0.00
67 C	Ethyl Benzene	50.000	49.987	0.0#	98	0.00
68 T	m/p-Xylenes	100.000	99.994	0.0	100	0.00
69 T	o-Xylene	50.000	50.162	-0.3	98	0.00
70 T	Styrene	50.000	50.595	-1.2	99	0.00
71 P	Bromoform	50.000	45.557	8.9	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	51.327	-2.7	99	0.00
74 T	N-amyl acetate	50.000	49.922	0.2	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.905	8.2	90	0.00
76 T	1,2,3-Trichloropropane	50.000	48.654	2.7	84	0.00
77 T	Bromobenzene	50.000	48.794	2.4	95	0.00
78 T	n-propylbenzene	50.000	52.061	-4.1	99	0.00
79 T	2-Chlorotoluene	50.000	50.703	-1.4	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.563	-3.1	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.354	3.3	93	0.00
82 T	4-Chlorotoluene	50.000	50.659	-1.3	98	0.00
83 T	tert-Butylbenzene	50.000	51.072	-2.1	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.723	-3.4	99	0.00
85 T	sec-Butylbenzene	50.000	51.748	-3.5	99	0.00
86 T	p-Isopropyltoluene	50.000	52.130	-4.3	99	0.00
87 T	1,3-Dichlorobenzene	50.000	49.866	0.3	98	0.00
88 T	1,4-Dichlorobenzene	50.000	48.956	2.1	96	0.00
89 T	n-Butylbenzene	50.000	52.737	-5.5	100	0.00
90 T	Hexachloroethane	50.000	50.439	-0.9	98	0.00
91 T	1,2-Dichlorobenzene	50.000	48.490	3.0	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.451	5.1	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.250	3.5	94	0.00
94 T	Hexachlorobutadiene	50.000	48.048	3.9	95	0.00
95 T	Naphthalene	50.000	47.413	5.2	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.023	6.0	93	0.00

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