

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
 Data File : VY023363.D
 Acq On : 25 Sep 2025 10:02
 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: Sep 26 04:20:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 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	120	0.00
2 T	Dichlorodifluoromethane	50.000	43.213	13.6	114	0.00
3 P	Chloromethane	50.000	44.687	10.6	115	0.00
4 C	Vinyl Chloride	50.000	45.005	10.0#	112	0.01
5 T	Bromomethane	50.000	42.386	15.2	113	0.00
6 T	Chloroethane	50.000	45.008	10.0	112	0.00
7 T	Trichlorofluoromethane	50.000	47.025	6.0	118	0.00
8 T	Diethyl Ether	50.000	48.892	2.2	119	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.097	7.8	116	0.01
10 T	Methyl Iodide	50.000	47.358	5.3	107	0.01
11 T	Tert butyl alcohol	250.000	308.005	-23.2	154	0.00
12 CM	1,1-Dichloroethene	50.000	46.587	6.8#	115	0.00
13 T	Acrolein	250.000	73.445	70.6#	37	0.00
14 T	Allyl chloride	50.000	48.667	2.7	117	0.00
15 T	Acrylonitrile	250.000	238.392	4.6	116	0.00
16 T	Acetone	250.000	264.267	-5.7	127	0.00
17 T	Carbon Disulfide	50.000	44.101	11.8	109	0.00
18 T	Methyl Acetate	50.000	52.424	-4.8	132	0.00
19 T	Methyl tert-butyl Ether	50.000	49.973	0.1	119	0.00
20 T	Methylene Chloride	50.000	50.761	-1.5	130	0.01
21 T	trans-1,2-Dichloroethene	50.000	46.866	6.3	114	0.01
22 T	Diisopropyl ether	50.000	48.527	2.9	114	0.00
23 T	Vinyl Acetate	250.000	242.905	2.8	113	0.00
24 P	1,1-Dichloroethane	50.000	46.895	6.2	116	0.00
25 T	2-Butanone	250.000	257.768	-3.1	125	0.00
26 T	2,2-Dichloropropane	50.000	48.889	2.2	120	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.577	2.8	118	0.00
28 T	Bromochloromethane	50.000	41.556	16.9	104	0.00
29 T	Tetrahydrofuran	250.000	244.906	2.0	117	0.00
30 C	Chloroform	50.000	47.008	6.0#	116	0.00
31 T	Cyclohexane	50.000	45.756	8.5	116	0.00
32 T	1,1,1-Trichloroethane	50.000	47.045	5.9	117	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.003	4.0	118	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	121	0.00
35 S	Dibromofluoromethane	50.000	48.920	2.2	116	0.00
36 T	1,1-Dichloropropene	50.000	47.442	5.1	113	0.00
37 T	Ethyl Acetate	50.000	47.564	4.9	114	0.00
38 T	Carbon Tetrachloride	50.000	48.340	3.3	116	0.00
39 T	Methylcyclohexane	50.000	50.026	-0.1	116	0.00
40 TM	Benzene	50.000	48.062	3.9	115	0.00
41 T	Methacrylonitrile	50.000	47.998	4.0	115	0.00
42 TM	1,2-Dichloroethane	50.000	47.762	4.5	115	0.00
43 T	Isopropyl Acetate	50.000	48.073	3.9	113	0.00
44 TM	Trichloroethene	50.000	48.150	3.7	115	0.00
45 C	1,2-Dichloropropane	50.000	47.464	5.1#	115	0.00
46 T	Dibromomethane	50.000	47.558	4.9	114	0.00
47 T	Bromodichloromethane	50.000	47.748	4.5	114	0.00
48 T	Methyl methacrylate	50.000	50.960	-1.9	115	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	1124.007	-12.4	135	0.00
50 S	Toluene-d8	50.000	49.573	0.9	116	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.220	-1.3	116	0.00
52 CM	Toluene	50.000	48.888	2.2#	113	0.00
53 T	t-1,3-Dichloropropene	50.000	50.304	-0.6	116	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.090	-0.2	117	0.00
55 T	1,1,2-Trichloroethane	50.000	47.569	4.9	114	0.00
56 T	Ethyl methacrylate	50.000	51.410	-2.8	114	0.00
57 T	1,3-Dichloropropane	50.000	48.071	3.9	113	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	249.745	0.1	107	0.00
59 T	2-Hexanone	250.000	265.491	-6.2	121	0.00
60 T	Dibromochloromethane	50.000	49.019	2.0	116	0.00
61 T	1,2-Dibromoethane	50.000	49.315	1.4	117	0.00
62 S	4-Bromofluorobenzene	50.000	51.772	-3.5	120	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	118	0.00
64 T	Tetrachloroethene	50.000	47.143	5.7	109	0.00
65 PM	Chlorobenzene	50.000	48.977	2.0	115	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.968	2.1	115	0.00
67 C	Ethyl Benzene	50.000	50.638	-1.3#	114	0.00
68 T	m/p-Xylenes	100.000	101.469	-1.5	114	0.00
69 T	o-Xylene	50.000	51.473	-2.9	115	0.00
70 T	Styrene	50.000	51.173	-2.3	112	0.00
71 P	Bromoform	50.000	50.302	-0.6	118	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	119	0.00
73 T	Isopropylbenzene	50.000	50.607	-1.2	115	0.00
74 T	N-amyl acetate	50.000	49.826	0.3	114	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.368	1.3	120	0.00
76 T	1,2,3-Trichloropropane	50.000	46.903	6.2	111	0.00
77 T	Bromobenzene	50.000	49.868	0.3	116	0.00
78 T	n-propylbenzene	50.000	50.683	-1.4	114	0.00
79 T	2-Chlorotoluene	50.000	50.421	-0.8	116	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.280	-2.6	116	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.289	-0.6	120	0.00
82 T	4-Chlorotoluene	50.000	49.261	1.5	114	0.00
83 T	tert-Butylbenzene	50.000	51.142	-2.3	116	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.473	-2.9	115	0.00
85 T	sec-Butylbenzene	50.000	51.457	-2.9	116	0.00
86 T	p-Isopropyltoluene	50.000	51.763	-3.5	115	0.00
87 T	1,3-Dichlorobenzene	50.000	49.541	0.9	115	0.00
88 T	1,4-Dichlorobenzene	50.000	48.455	3.1	115	0.00
89 T	n-Butylbenzene	50.000	52.069	-4.1	115	0.00
90 T	Hexachloroethane	50.000	48.010	4.0	115	0.00
91 T	1,2-Dichlorobenzene	50.000	49.430	1.1	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.866	4.3	116	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.488	-7.0	122	0.00
94 T	Hexachlorobutadiene	50.000	53.340	-6.7	125	0.00
95 T	Naphthalene	50.000	54.621	-9.2	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.564	-5.1	120	0.00

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