

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
 Data File : VY023334.D
 Acq On : 10 Sep 2025 15:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 11 03:51:38 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	41.816	16.4	91	0.00
3 P	Chloromethane	50.000	47.222	5.6	100	0.00
4 C	Vinyl Chloride	50.000	46.466	7.1#	95	0.00
5 T	Bromomethane	50.000	44.337	11.3	97	0.00
6 T	Chloroethane	50.000	47.171	5.7	97	0.01
7 T	Trichlorofluoromethane	50.000	47.270	5.5	98	0.00
8 T	Diethyl Ether	50.000	46.724	6.6	93	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.354	9.3	93	0.01
10 T	Methyl Iodide	50.000	44.254	11.5	82	0.01
11 T	Tert butyl alcohol	250.000	246.221	1.5	101	0.00
12 CM	1,1-Dichloroethene	50.000	45.172	9.7#	92	0.00
13 T	Acrolein	250.000	178.783	28.5#	75	0.00
14 T	Allyl chloride	50.000	46.265	7.5	91	0.00
15 T	Acrylonitrile	250.000	240.173	3.9	96	0.01
16 T	Acetone	250.000	218.763	12.5	86	0.00
17 T	Carbon Disulfide	50.000	44.994	10.0	91	0.00
18 T	Methyl Acetate	50.000	62.934	-25.9#	131	0.00
19 T	Methyl tert-butyl Ether	50.000	48.375	3.3	95	0.00
20 T	Methylene Chloride	50.000	45.874	8.3	96	0.01
21 T	trans-1,2-Dichloroethene	50.000	46.162	7.7	93	0.01
22 T	Diisopropyl ether	50.000	47.630	4.7	92	0.00
23 T	Vinyl Acetate	250.000	224.839	10.1	86	0.01
24 P	1,1-Dichloroethane	50.000	46.402	7.2	94	0.00
25 T	2-Butanone	250.000	236.666	5.3	94	0.01
26 T	2,2-Dichloropropane	50.000	45.308	9.4	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.904	4.2	95	0.01
28 T	Bromochloromethane	50.000	47.443	5.1	97	0.00
29 T	Tetrahydrofuran	250.000	243.520	2.6	96	0.00
30 C	Chloroform	50.000	47.268	5.5#	96	0.00
31 T	Cyclohexane	50.000	44.723	10.6	93	0.00
32 T	1,1,1-Trichloroethane	50.000	46.564	6.9	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.344	5.3	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	48.432	3.1	96	0.00
36 T	1,1-Dichloropropene	50.000	46.465	7.1	93	0.00
37 T	Ethyl Acetate	50.000	47.055	5.9	95	0.00
38 T	Carbon Tetrachloride	50.000	46.651	6.7	94	0.00
39 T	Methylcyclohexane	50.000	47.799	4.4	92	0.00
40 TM	Benzene	50.000	47.245	5.5	94	0.00
41 T	Methacrylonitrile	50.000	44.952	10.1	90	0.00
42 TM	1,2-Dichloroethane	50.000	47.166	5.7	95	0.00
43 T	Isopropyl Acetate	50.000	47.811	4.4	94	0.00
44 TM	Trichloroethene	50.000	47.653	4.7	95	0.00
45 C	1,2-Dichloropropane	50.000	47.551	4.9#	96	0.00
46 T	Dibromomethane	50.000	48.112	3.8	96	0.00
47 T	Bromodichloromethane	50.000	47.583	4.8	95	0.00
48 T	Methyl methacrylate	50.000	50.225	-0.5	95	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	1066.218	-6.6	107	0.00
50 S	Toluene-d8	50.000	48.937	2.1	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	255.153	-2.1	98	0.00
52 CM	Toluene	50.000	48.638	2.7#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	48.900	2.2	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.551	2.9	95	0.00
55 T	1,1,2-Trichloroethane	50.000	48.027	3.9	96	0.00
56 T	Ethyl methacrylate	50.000	50.921	-1.8	95	0.00
57 T	1,3-Dichloropropane	50.000	48.766	2.5	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	277.992	-11.2	100	0.00
59 T	2-Hexanone	250.000	249.729	0.1	95	0.00
60 T	Dibromochloromethane	50.000	48.923	2.2	97	0.00
61 T	1,2-Dibromoethane	50.000	49.295	1.4	98	0.00
62 S	4-Bromofluorobenzene	50.000	50.704	-1.4	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	49.826	0.3	99	0.00
65 PM	Chlorobenzene	50.000	47.265	5.5	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.214	5.6	96	0.00
67 C	Ethyl Benzene	50.000	48.411	3.2#	94	0.00
68 T	m/p-Xylenes	100.000	97.766	2.2	95	0.00
69 T	o-Xylene	50.000	48.950	2.1	94	0.00
70 T	Styrene	50.000	49.903	0.2	94	0.00
71 P	Bromoform	50.000	48.459	3.1	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73 T	Isopropylbenzene	50.000	46.680	6.6	94	0.00
74 T	N-ethyl acetate	50.000	44.304	11.4	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.998	12.0	95	0.00
76 T	1,2,3-Trichloropropane	50.000	51.507	-3.0	108	0.00
77 T	Bromobenzene	50.000	45.741	8.5	95	0.00
78 T	n-propylbenzene	50.000	47.022	6.0	94	0.00
79 T	2-Chlorotoluene	50.000	46.890	6.2	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.366	5.3	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.239	7.5	98	0.00
82 T	4-Chlorotoluene	50.000	45.459	9.1	94	0.00
83 T	tert-Butylbenzene	50.000	47.306	5.4	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.836	4.3	95	0.00
85 T	sec-Butylbenzene	50.000	47.156	5.7	95	0.00
86 T	p-Isopropyltoluene	50.000	47.534	4.9	94	0.00
87 T	1,3-Dichlorobenzene	50.000	46.031	7.9	96	0.00
88 T	1,4-Dichlorobenzene	50.000	45.006	10.0	95	0.00
89 T	n-Butylbenzene	50.000	47.344	5.3	93	0.00
90 T	Hexachloroethane	50.000	44.805	10.4	96	0.00
91 T	1,2-Dichlorobenzene	50.000	45.848	8.3	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.445	7.1	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.672	6.7	95	0.00
94 T	Hexachlorobutadiene	50.000	45.269	9.5	95	0.00
95 T	Naphthalene	50.000	48.586	2.8	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.928	6.1	95	0.00

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