

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
 Data File : VY023181.D
 Acq On : 20 Aug 2025 17:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 21 01:41:30 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	80	0.00
2 T	Dichlorodifluoromethane	50.000	39.978	20.0	75	0.00
3 P	Chloromethane	50.000	45.777	8.4	80	0.00
4 C	Vinyl Chloride	50.000	47.914	4.2#	82	0.00
5 T	Bromomethane	50.000	50.164	-0.3	91	0.00
6 T	Chloroethane	50.000	50.501	-1.0	85	0.00
7 T	Trichlorofluoromethane	50.000	45.916	8.2	78	0.00
8 T	Diethyl Ether	50.000	45.804	8.4	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.691	6.6	79	0.00
10 T	Methyl Iodide	50.000	49.483	1.0	76	0.00
11 T	Tert butyl alcohol	250.000	222.221	11.1	73	0.00
12 CM	1,1-Dichloroethene	50.000	46.619	6.8#	78	0.00
13 T	Acrolein	250.000	108.267	56.7#	37	0.00
14 T	Allyl chloride	50.000	44.128	11.7	73	0.00
15 T	Acrylonitrile	250.000	242.415	3.0	78	0.00
16 T	Acetone	250.000	199.376	20.2	64	0.00
17 T	Carbon Disulfide	50.000	44.811	10.4	76	0.00
18 T	Methyl Acetate	50.000	49.121	1.8	75	0.00
19 T	Methyl tert-butyl Ether	50.000	47.317	5.4	77	0.00
20 T	Methylene Chloride	50.000	48.063	3.9	81	0.01
21 T	trans-1,2-Dichloroethene	50.000	47.840	4.3	79	0.00
22 T	Diisopropyl ether	50.000	47.200	5.6	77	0.00
23 T	Vinyl Acetate	250.000	233.764	6.5	76	0.00
24 P	1,1-Dichloroethane	50.000	47.830	4.3	79	0.00
25 T	2-Butanone	250.000	224.910	10.0	71	0.00
26 T	2,2-Dichloropropane	50.000	44.329	11.3	73	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.491	3.0	80	0.00
28 T	Bromochloromethane	50.000	50.540	-1.1	83	0.00
29 T	Tetrahydrofuran	250.000	238.443	4.6	76	0.00
30 C	Chloroform	50.000	49.417	1.2#	81	0.00
31 T	Cyclohexane	50.000	42.328	15.3	74	0.00
32 T	1,1,1-Trichloroethane	50.000	48.569	2.9	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.047	1.9	81	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	50.409	-0.8	82	0.00
36 T	1,1-Dichloropropene	50.000	47.687	4.6	78	0.00
37 T	Ethyl Acetate	50.000	48.438	3.1	77	0.00
38 T	Carbon Tetrachloride	50.000	48.256	3.5	79	0.00
39 T	Methylcyclohexane	50.000	46.445	7.1	76	0.00
40 TM	Benzene	50.000	49.434	1.1	81	0.00
41 T	Methacrylonitrile	50.000	42.710	14.6	67	0.00
42 TM	1,2-Dichloroethane	50.000	48.880	2.2	80	0.00
43 T	Isopropyl Acetate	50.000	47.349	5.3	76	0.00
44 TM	Trichloroethene	50.000	50.380	-0.8	83	0.00
45 C	1,2-Dichloropropane	50.000	49.651	0.7#	81	0.00
46 T	Dibromomethane	50.000	51.057	-2.1	82	0.00
47 T	Bromodichloromethane	50.000	50.434	-0.9	81	0.00
48 T	Methyl methacrylate	50.000	47.928	4.1	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1025.325	-2.5	82	0.00
50 S	Toluene-d8	50.000	50.496	-1.0	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	248.855	0.5	77	0.00
52 CM	Toluene	50.000	49.880	0.2#	80	0.00
53 T	t-1,3-Dichloropropene	50.000	48.297	3.4	77	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.898	2.2	78	0.00
55 T	1,1,2-Trichloroethane	50.000	50.825	-1.7	82	0.00
56 T	Ethyl methacrylate	50.000	50.756	-1.5	78	0.00
57 T	1,3-Dichloropropane	50.000	50.056	-0.1	81	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	278.196	-11.3	84	0.00
59 T	2-Hexanone	250.000	240.731	3.7	74	0.00
60 T	Dibromochloromethane	50.000	50.987	-2.0	82	0.00
61 T	1,2-Dibromoethane	50.000	50.486	-1.0	81	0.00
62 S	4-Bromofluorobenzene	50.000	49.709	0.6	80	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	53.771	-7.5	90	0.00
65 PM	Chlorobenzene	50.000	49.109	1.8	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.973	0.1	82	0.00
67 C	Ethyl Benzene	50.000	48.982	2.0#	80	0.00
68 T	m/p-Xylenes	100.000	99.741	0.3	82	0.00
69 T	o-Xylene	50.000	49.995	0.0	81	0.00
70 T	Styrene	50.000	52.202	-4.4	84	0.00
71 P	Bromoform	50.000	50.729	-1.5	83	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	47.807	4.4	80	0.00
74 T	N-amyl acetate	50.000	45.570	8.9	74	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.136	9.7	78	0.00
76 T	1,2,3-Trichloropropane	50.000	49.145	1.7	74	0.00
77 T	Bromobenzene	50.000	48.103	3.8	82	0.00
78 T	n-propylbenzene	50.000	48.193	3.6	80	0.00
79 T	2-Chlorotoluene	50.000	47.740	4.5	80	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.993	4.0	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.210	11.6	74	0.00
82 T	4-Chlorotoluene	50.000	47.598	4.8	80	0.00
83 T	tert-Butylbenzene	50.000	48.102	3.8	80	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.604	2.8	81	0.00
85 T	sec-Butylbenzene	50.000	48.148	3.7	81	0.00
86 T	p-Isopropyltoluene	50.000	48.810	2.4	81	0.00
87 T	1,3-Dichlorobenzene	50.000	48.659	2.7	84	0.00
88 T	1,4-Dichlorobenzene	50.000	47.958	4.1	82	0.00
89 T	n-Butylbenzene	50.000	47.858	4.3	79	0.00
90 T	Hexachloroethane	50.000	48.791	2.4	83	0.00
91 T	1,2-Dichlorobenzene	50.000	48.617	2.8	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.349	7.3	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.759	10.5	76	0.00
94 T	Hexachlorobutadiene	50.000	45.173	9.7	78	0.00
95 T	Naphthalene	50.000	46.397	7.2	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.668	8.7	78	0.00

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