

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
 Data File : VY023596.D
 Acq On : 27 Oct 2025 15:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 28 04:40:18 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	81	0.00
2 T	Dichlorodifluoromethane	50.000	38.371	23.3	70	0.00
3 P	Chloromethane	50.000	39.754	20.5	70	0.00
4 C	Vinyl Chloride	50.000	41.355	17.3#	72	0.00
5 T	Bromomethane	50.000	41.368	17.3	76	0.01
6 T	Chloroethane	50.000	44.838	10.3	76	0.00
7 T	Trichlorofluoromethane	50.000	43.470	13.1	74	0.00
8 T	Diethyl Ether	50.000	44.235	11.5	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.280	5.4	81	0.00
10 T	Methyl Iodide	50.000	52.552	-5.1	81	0.00
11 T	Tert butyl alcohol	250.000	165.621	33.8#	67	0.00
12 CM	1,1-Dichloroethene	50.000	45.787	8.4#	77	0.00
13 T	Acrolein	250.000	50.571	79.8#	17	0.00
14 T	Allyl chloride	50.000	46.112	7.8	77	0.00
15 T	Acrylonitrile	250.000	223.582	10.6	79	0.00
16 T	Acetone	250.000	197.883	20.8	76	0.00
17 T	Carbon Disulfide	50.000	42.594	14.8	72	0.00
18 T	Methyl Acetate	50.000	48.296	3.4	83	0.00
19 T	Methyl tert-butyl Ether	50.000	46.300	7.4	79	0.00
20 T	Methylene Chloride	50.000	43.898	12.2	83	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.621	2.8	82	0.01
22 T	Diisopropyl ether	50.000	48.801	2.4	82	0.00
23 T	Vinyl Acetate	250.000	225.065	10.0	76	0.00
24 P	1,1-Dichloroethane	50.000	48.987	2.0	83	0.00
25 T	2-Butanone	250.000	199.047	20.4	75	0.00
26 T	2,2-Dichloropropane	50.000	48.519	3.0	81	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.932	0.1	85	0.00
28 T	Bromochloromethane	50.000	44.984	10.0	81	0.00
29 T	Tetrahydrofuran	250.000	206.485	17.4	72	0.00
30 C	Chloroform	50.000	50.543	-1.1#	86	0.00
31 T	Cyclohexane	50.000	43.495	13.0	76	0.00
32 T	1,1,1-Trichloroethane	50.000	48.954	2.1	82	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.423	7.2	80	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35 S	Dibromofluoromethane	50.000	49.951	0.1	83	0.00
36 T	1,1-Dichloropropene	50.000	49.134	1.7	82	0.00
37 T	Ethyl Acetate	50.000	44.663	10.7	78	0.00
38 T	Carbon Tetrachloride	50.000	48.856	2.3	81	0.00
39 T	Methylcyclohexane	50.000	47.708	4.6	78	0.00
40 TM	Benzene	50.000	50.259	-0.5	84	0.00
41 T	Methacrylonitrile	50.000	45.769	8.5	81	0.00
42 TM	1,2-Dichloroethane	50.000	48.202	3.6	83	0.00
43 T	Isopropyl Acetate	50.000	43.840	12.3	76	0.00
44 TM	Trichloroethene	50.000	49.655	0.7	83	0.00
45 C	1,2-Dichloropropane	50.000	50.460	-0.9#	85	0.00
46 T	Dibromomethane	50.000	49.514	1.0	83	0.00
47 T	Bromodichloromethane	50.000	50.470	-0.9	85	0.00
48 T	Methyl methacrylate	50.000	43.741	12.5	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	873.626	12.6	75	0.00
50 S	Toluene-d8	50.000	49.977	0.0	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	226.095	9.6	77	0.00
52 CM	Toluene	50.000	51.283	-2.6#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	48.279	3.4	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.585	0.8	82	0.00
55 T	1,1,2-Trichloroethane	50.000	48.683	2.6	83	0.00
56 T	Ethyl methacrylate	50.000	48.696	2.6	79	0.00
57 T	1,3-Dichloropropane	50.000	49.132	1.7	82	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.540	-4.6	82	0.00
59 T	2-Hexanone	250.000	214.822	14.1	74	0.00
60 T	Dibromochloromethane	50.000	49.762	0.5	84	0.00
61 T	1,2-Dibromoethane	50.000	47.749	4.5	80	0.00
62 S	4-Bromofluorobenzene	50.000	50.219	-0.4	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	50.589	-1.2	82	0.00
65 PM	Chlorobenzene	50.000	49.810	0.4	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.244	-0.5	86	0.00
67 C	Ethyl Benzene	50.000	51.106	-2.2#	84	0.00
68 T	m/p-Xylenes	100.000	102.673	-2.7	83	0.00
69 T	o-Xylene	50.000	51.175	-2.3	83	0.00
70 T	Styrene	50.000	51.525	-3.0	84	0.00
71 P	Bromoform	50.000	46.944	6.1	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73 T	Isopropylbenzene	50.000	50.776	-1.6	85	0.00
74 T	N-amyl acetate	50.000	42.323	15.4	73	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.719	10.6	82	0.00
76 T	1,2,3-Trichloropropane	50.000	41.046	17.9	71	0.00
77 T	Bromobenzene	50.000	47.730	4.5	84	0.00
78 T	n-propylbenzene	50.000	50.590	-1.2	84	0.00
79 T	2-Chlorotoluene	50.000	49.445	1.1	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.144	-2.3	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.305	15.4	76	0.00
82 T	4-Chlorotoluene	50.000	49.598	0.8	85	0.00
83 T	tert-Butylbenzene	50.000	50.672	-1.3	84	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.977	-2.0	85	0.00
85 T	sec-Butylbenzene	50.000	50.983	-2.0	85	0.00
86 T	p-Isopropyltoluene	50.000	51.189	-2.4	84	0.00
87 T	1,3-Dichlorobenzene	50.000	48.018	4.0	84	0.00
88 T	1,4-Dichlorobenzene	50.000	47.149	5.7	83	0.00
89 T	n-Butylbenzene	50.000	50.429	-0.9	83	0.00
90 T	Hexachloroethane	50.000	49.148	1.7	86	0.00
91 T	1,2-Dichlorobenzene	50.000	47.953	4.1	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	41.701	16.6	75	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.214	7.6	80	0.00
94 T	Hexachlorobutadiene	50.000	47.731	4.5	81	0.00
95 T	Naphthalene	50.000	43.185	13.6	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.364	9.3	78	0.00

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