

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061225\
 Data File : VY022666.D
 Acq On : 12 Jun 2025 11:44
 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: Jun 13 07:03:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	49.165	1.7	88	0.00
3 P	Chloromethane	50.000	42.871	14.3	76	0.00
4 C	Vinyl Chloride	50.000	57.847	-15.7#	98	0.00
5 T	Bromomethane	50.000	46.122	7.8	91	-0.01
6 T	Chloroethane	50.000	57.510	-15.0	104	-0.01
7 T	Trichlorofluoromethane	50.000	65.108	-30.2#	115	-0.01
8 T	Diethyl Ether	50.000	48.345	3.3	81	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.886	2.2	83	-0.01
10 T	Methyl Iodide	50.000	48.842	2.3	75	-0.01
11 T	Tert butyl alcohol	250.000	233.752	6.5	79	-0.03
12 CM	1,1-Dichloroethene	50.000	50.838	-1.7#	85	-0.02
13 T	Acrolein	250.000	114.647	54.1#	39	-0.01
14 T	Allyl chloride	50.000	45.190	9.6	77	-0.01
15 T	Acrylonitrile	250.000	233.541	6.6	77	-0.01
16 T	Acetone	250.000	307.387	-23.0	100	-0.01
17 T	Carbon Disulfide	50.000	46.203	7.6	77	-0.01
18 T	Methyl Acetate	50.000	44.181	11.6	74	-0.01
19 T	Methyl tert-butyl Ether	50.000	47.393	5.2	79	-0.02
20 T	Methylene Chloride	50.000	49.830	0.3	93	-0.01
21 T	trans-1,2-Dichloroethene	50.000	49.588	0.8	85	-0.01
22 T	Diisopropyl ether	50.000	46.871	6.3	78	-0.01
23 T	Vinyl Acetate	250.000	226.240	9.5	75	-0.02
24 P	1,1-Dichloroethane	50.000	49.926	0.1	84	-0.01
25 T	2-Butanone	250.000	259.369	-3.7	84	-0.01
26 T	2,2-Dichloropropane	50.000	51.361	-2.7	86	-0.01
27 T	cis-1,2-Dichloroethene	50.000	51.032	-2.1	84	-0.01
28 T	Bromochloromethane	50.000	48.629	2.7	84	-0.01
29 T	Tetrahydrofuran	250.000	218.464	12.6	73	-0.01
30 C	Chloroform	50.000	51.053	-2.1#	86	-0.01
31 T	Cyclohexane	50.000	44.968	10.1	79	-0.01
32 T	1,1,1-Trichloroethane	50.000	50.710	-1.4	84	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.319	1.4	77	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	53.226	-6.5	81	-0.01
36 T	1,1-Dichloropropene	50.000	51.417	-2.8	84	0.00
37 T	Ethyl Acetate	50.000	45.614	8.8	70	-0.02
38 T	Carbon Tetrachloride	50.000	52.438	-4.9	84	0.00
39 T	Methylcyclohexane	50.000	50.234	-0.5	81	-0.01
40 TM	Benzene	50.000	51.476	-3.0	84	0.00
41 T	Methacrylonitrile	50.000	44.898	10.2	74	-0.01
42 TM	1,2-Dichloroethane	50.000	48.299	3.4	79	-0.01
43 T	Isopropyl Acetate	50.000	45.911	8.2	73	0.00
44 TM	Trichloroethene	50.000	53.272	-6.5	86	0.00
45 C	1,2-Dichloropropane	50.000	51.464	-2.9#	83	0.00
46 T	Dibromomethane	50.000	50.572	-1.1	82	0.00
47 T	Bromodichloromethane	50.000	51.406	-2.8	83	0.00
48 T	Methyl methacrylate	50.000	45.229	9.5	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	966.227	3.4	82	-0.02
50 S	Toluene-d8	50.000	54.015	-8.0	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.266	5.9	74	0.00
52 CM	Toluene	50.000	51.975	-4.0#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	49.572	0.9	79	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.500	-3.0	83	0.00
55 T	1,1,2-Trichloroethane	50.000	51.017	-2.0	84	0.00
56 T	Ethyl methacrylate	50.000	48.943	2.1	77	0.00
57 T	1,3-Dichloropropane	50.000	49.840	0.3	81	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.717	-5.1	86	0.00
59 T	2-Hexanone	250.000	255.807	-2.3	81	0.00
60 T	Dibromochloromethane	50.000	51.174	-2.3	82	0.00
61 T	1,2-Dibromoethane	50.000	50.072	-0.1	81	0.00
62 S	4-Bromofluorobenzene	50.000	52.907	-5.8	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	60.393	-20.8	97	0.00
65 PM	Chlorobenzene	50.000	52.395	-4.8	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.754	-3.5	83	0.00
67 C	Ethyl Benzene	50.000	52.077	-4.2#	84	0.00
68 T	m/p-Xylenes	100.000	105.825	-5.8	86	0.00
69 T	o-Xylene	50.000	52.414	-4.8	85	0.00
70 T	Styrene	50.000	52.572	-5.1	84	0.00
71 P	Bromoform	50.000	50.468	-0.9	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73 T	Isopropylbenzene	50.000	52.047	-4.1	87	0.00
74 T	N-amyl acetate	50.000	46.730	6.5	76	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.763	10.5	74	0.00
76 T	1,2,3-Trichloropropane	50.000	47.678	4.6	73	0.00
77 T	Bromobenzene	50.000	50.921	-1.8	85	0.00
78 T	n-propylbenzene	50.000	51.018	-2.0	85	0.00
79 T	2-Chlorotoluene	50.000	49.733	0.5	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.179	-2.4	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.426	9.1	77	0.00
82 T	4-Chlorotoluene	50.000	49.120	1.8	81	0.00
83 T	tert-Butylbenzene	50.000	52.941	-5.9	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.039	-2.1	86	0.00
85 T	sec-Butylbenzene	50.000	51.845	-3.7	86	0.00
86 T	p-Isopropyltoluene	50.000	52.349	-4.7	88	0.00
87 T	1,3-Dichlorobenzene	50.000	51.713	-3.4	88	0.00
88 T	1,4-Dichlorobenzene	50.000	51.407	-2.8	86	0.00
89 T	n-Butylbenzene	50.000	52.667	-5.3	87	0.00
90 T	Hexachloroethane	50.000	51.138	-2.3	85	0.00
91 T	1,2-Dichlorobenzene	50.000	50.947	-1.9	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.038	-2.1	80	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.095	-4.2	87	0.00
94 T	Hexachlorobutadiene	50.000	50.378	-0.8	85	0.00
95 T	Naphthalene	50.000	49.792	0.4	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.544	0.9	83	0.00

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