

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090325\
 Data File : VY023269.D
 Acq On : 03 Sep 2025 09:58
 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 04 01:13:39 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	41.520	17.0	87	0.00
3 P	Chloromethane	50.000	43.395	13.2	84	0.00
4 C	Vinyl Chloride	50.000	44.541	10.9#	85	0.01
5 T	Bromomethane	50.000	47.097	5.8	95	0.00
6 T	Chloroethane	50.000	47.027	5.9	89	0.01
7 T	Trichlorofluoromethane	50.000	46.955	6.1	89	0.01
8 T	Diethyl Ether	50.000	49.418	1.2	92	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.455	-2.9	98	0.01
10 T	Methyl Iodide	50.000	56.478	-13.0	97	0.02
11 T	Tert butyl alcohol	250.000	291.616	-16.6	107	0.00
12 CM	1,1-Dichloroethene	50.000	50.312	-0.6#	94	0.01
13 T	Acrolein	250.000	41.064	83.6#	16	0.01
14 T	Allyl chloride	50.000	44.934	10.1	83	0.01
15 T	Acrylonitrile	250.000	246.787	1.3	89	0.02
16 T	Acetone	250.000	275.501	-10.2	98	0.01
17 T	Carbon Disulfide	50.000	44.658	10.7	84	0.01
18 T	Methyl Acetate	50.000	48.673	2.7	83	0.01
19 T	Methyl tert-butyl Ether	50.000	50.249	-0.5	91	0.01
20 T	Methylene Chloride	50.000	53.473	-6.9	100	0.02
21 T	trans-1,2-Dichloroethene	50.000	51.175	-2.3	95	0.02
22 T	Diisopropyl ether	50.000	47.762	4.5	87	0.00
23 T	Vinyl Acetate	250.000	237.148	5.1	86	0.01
24 P	1,1-Dichloroethane	50.000	49.979	0.0	92	0.01
25 T	2-Butanone	250.000	247.745	0.9	88	0.01
26 T	2,2-Dichloropropane	50.000	52.426	-4.9	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.221	-4.4	96	0.01
28 T	Bromochloromethane	50.000	45.690	8.6	84	0.00
29 T	Tetrahydrofuran	250.000	236.214	5.5	84	0.01
30 C	Chloroform	50.000	52.017	-4.0#	96	0.01
31 T	Cyclohexane	50.000	43.560	12.9	85	0.01
32 T	1,1,1-Trichloroethane	50.000	52.253	-4.5	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.852	10.3	83	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.01
35 S	Dibromofluoromethane	50.000	50.825	-1.7	88	0.01
36 T	1,1-Dichloropropene	50.000	52.063	-4.1	90	0.01
37 T	Ethyl Acetate	50.000	50.799	-1.6	85	0.00
38 T	Carbon Tetrachloride	50.000	56.173	-12.3	98	0.00
39 T	Methylcyclohexane	50.000	51.544	-3.1	90	0.00
40 TM	Benzene	50.000	53.032	-6.1	92	0.01
41 T	Methacrylonitrile	50.000	46.508	7.0	77	0.00
42 TM	1,2-Dichloroethane	50.000	51.540	-3.1	90	0.01
43 T	Isopropyl Acetate	50.000	49.293	1.4	84	0.00
44 TM	Trichloroethene	50.000	57.369	-14.7	101	0.01
45 C	1,2-Dichloropropane	50.000	53.124	-6.2#	92	0.00
46 T	Dibromomethane	50.000	54.895	-9.8	94	0.00
47 T	Bromodichloromethane	50.000	55.036	-10.1	94	0.00
48 T	Methyl methacrylate	50.000	48.828	2.3	80	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1047.868	-4.8	89	0.01
50 S	Toluene-d8	50.000	49.529	0.9	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.875	-2.8	85	0.00
52 CM	Toluene	50.000	54.880	-9.8#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	53.578	-7.2	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.958	-7.9	92	0.00
55 T	1,1,2-Trichloroethane	50.000	56.157	-12.3	97	0.00
56 T	Ethyl methacrylate	50.000	54.736	-9.5	90	0.00
57 T	1,3-Dichloropropane	50.000	53.657	-7.3	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	252.100	-0.8	81	0.00
59 T	2-Hexanone	250.000	271.707	-8.7	89	0.00
60 T	Dibromochloromethane	50.000	58.173	-16.3	99	0.00
61 T	1,2-Dibromoethane	50.000	56.567	-13.1	97	0.01
62 S	4-Bromofluorobenzene	50.000	50.098	-0.2	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.01
64 T	Tetrachloroethene	50.000	60.097	-20.2	106	0.01
65 PM	Chlorobenzene	50.000	55.343	-10.7	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.587	-15.2	100	0.00
67 C	Ethyl Benzene	50.000	54.185	-8.4#	93	0.00
68 T	m/p-Xylenes	100.000	111.080	-11.1	96	0.00
69 T	o-Xylene	50.000	55.611	-11.2	95	0.00
70 T	Styrene	50.000	57.308	-14.6	97	0.00
71 P	Bromoform	50.000	58.982	-18.0	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	53.997	-8.0	97	0.00
74 T	N-amyl acetate	50.000	48.233	3.5	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.802	-1.6	94	0.00
76 T	1,2,3-Trichloropropane	50.000	49.737	0.5	80	0.00
77 T	Bromobenzene	50.000	55.121	-10.2	100	0.01
78 T	n-propylbenzene	50.000	53.794	-7.6	96	0.00
79 T	2-Chlorotoluene	50.000	52.561	-5.1	95	0.01
80 T	1,3,5-Trimethylbenzene	50.000	53.675	-7.3	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.008	6.0	85	0.00
82 T	4-Chlorotoluene	50.000	52.684	-5.4	96	0.01
83 T	tert-Butylbenzene	50.000	54.146	-8.3	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.290	-8.6	97	0.00
85 T	sec-Butylbenzene	50.000	54.540	-9.1	98	0.00
86 T	p-Isopropyltoluene	50.000	55.353	-10.7	98	0.00
87 T	1,3-Dichlorobenzene	50.000	55.948	-11.9	103	0.00
88 T	1,4-Dichlorobenzene	50.000	54.996	-10.0	101	0.01
89 T	n-Butylbenzene	50.000	53.807	-7.6	95	0.01
90 T	Hexachloroethane	50.000	54.779	-9.6	100	0.01
91 T	1,2-Dichlorobenzene	50.000	55.731	-11.5	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.598	-1.2	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.945	-11.9	102	0.00
94 T	Hexachlorobutadiene	50.000	56.302	-12.6	104	0.00
95 T	Naphthalene	50.000	54.351	-8.7	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.305	-10.6	102	0.00

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