

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090425\
 Data File : VY023278.D
 Acq On : 04 Sep 2025 08:56
 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 05 04:21:10 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	40.823	18.4	86	0.00
3 P	Chloromethane	50.000	41.080	17.8	80	0.00
4 C	Vinyl Chloride	50.000	43.386	13.2#	83	0.01
5 T	Bromomethane	50.000	45.877	8.2	93	0.00
6 T	Chloroethane	50.000	46.473	7.1	88	0.01
7 T	Trichlorofluoromethane	50.000	47.052	5.9	89	0.00
8 T	Diethyl Ether	50.000	48.931	2.1	92	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.394	-2.8	98	0.01
10 T	Methyl Iodide	50.000	57.243	-14.5	99	0.01
11 T	Tert butyl alcohol	250.000	291.054	-16.4	107	0.00
12 CM	1,1-Dichloroethene	50.000	49.337	1.3#	92	0.01
13 T	Acrolein	250.000	35.736	85.7#	14	0.01
14 T	Allyl chloride	50.000	44.222	11.6	82	0.01
15 T	Acrylonitrile	250.000	249.844	0.1	90	0.01
16 T	Acetone	250.000	300.247	-20.1	108	0.01
17 T	Carbon Disulfide	50.000	44.454	11.1	84	0.01
18 T	Methyl Acetate	50.000	52.154	-4.3	89	0.01
19 T	Methyl tert-butyl Ether	50.000	49.310	1.4	89	0.01
20 T	Methylene Chloride	50.000	52.234	-4.5	98	0.01
21 T	trans-1,2-Dichloroethene	50.000	51.092	-2.2	95	0.02
22 T	Diisopropyl ether	50.000	47.734	4.5	87	0.00
23 T	Vinyl Acetate	250.000	234.762	6.1	85	0.01
24 P	1,1-Dichloroethane	50.000	49.806	0.4	92	0.01
25 T	2-Butanone	250.000	259.616	-3.8	92	0.01
26 T	2,2-Dichloropropane	50.000	51.500	-3.0	95	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.338	-2.7	95	0.00
28 T	Bromochloromethane	50.000	48.021	4.0	88	0.00
29 T	Tetrahydrofuran	250.000	242.198	3.1	87	0.00
30 C	Chloroform	50.000	52.150	-4.3#	96	0.00
31 T	Cyclohexane	50.000	42.632	14.7	83	0.01
32 T	1,1,1-Trichloroethane	50.000	51.263	-2.5	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.217	5.6	87	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35 S	Dibromofluoromethane	50.000	54.701	-9.4	93	0.01
36 T	1,1-Dichloropropene	50.000	52.762	-5.5	90	0.00
37 T	Ethyl Acetate	50.000	52.780	-5.6	87	0.00
38 T	Carbon Tetrachloride	50.000	56.585	-13.2	98	0.00
39 T	Methylcyclohexane	50.000	50.934	-1.9	88	0.00
40 TM	Benzene	50.000	54.242	-8.5	93	0.01
41 T	Methacrylonitrile	50.000	44.349	11.3	73	0.00
42 TM	1,2-Dichloroethane	50.000	53.554	-7.1	92	0.00
43 T	Isopropyl Acetate	50.000	50.048	-0.1	84	0.00
44 TM	Trichloroethene	50.000	56.920	-13.8	98	0.00
45 C	1,2-Dichloropropane	50.000	53.941	-7.9#	92	0.00
46 T	Dibromomethane	50.000	57.330	-14.7	97	0.00
47 T	Bromodichloromethane	50.000	56.253	-12.5	95	0.00
48 T	Methyl methacrylate	50.000	51.135	-2.3	82	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1104.254	-10.4	92	0.00
50 S	Toluene-d8	50.000	52.314	-4.6	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	270.028	-8.0	88	0.00
52 CM	Toluene	50.000	55.373	-10.7#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	54.722	-9.4	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.322	-8.6	91	0.00
55 T	1,1,2-Trichloroethane	50.000	57.952	-15.9	98	0.00
56 T	Ethyl methacrylate	50.000	54.932	-9.9	89	0.00
57 T	1,3-Dichloropropane	50.000	55.270	-10.5	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	247.791	0.9	78	0.00
59 T	2-Hexanone	250.000	283.057	-13.2	92	0.00
60 T	Dibromochloromethane	50.000	60.069	-20.1	101	0.00
61 T	1,2-Dibromoethane	50.000	58.579	-17.2	98	0.01
62 S	4-Bromofluorobenzene	50.000	53.016	-6.0	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.01
64 T	Tetrachloroethene	50.000	58.619	-17.2	103	0.00
65 PM	Chlorobenzene	50.000	55.239	-10.5	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.483	-15.0	100	0.00
67 C	Ethyl Benzene	50.000	54.309	-8.6#	93	0.00
68 T	m/p-Xylenes	100.000	111.012	-11.0	96	0.00
69 T	o-Xylene	50.000	55.566	-11.1	94	0.00
70 T	Styrene	50.000	57.495	-15.0	97	0.00
71 P	Bromoform	50.000	60.614	-21.2	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	53.531	-7.1	95	0.00
74 T	N-amyl acetate	50.000	48.453	3.1	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.023	-6.0	96	0.00
76 T	1,2,3-Trichloropropane	50.000	50.269	-0.5	80	0.00
77 T	Bromobenzene	50.000	55.529	-11.1	99	0.00
78 T	n-propylbenzene	50.000	53.252	-6.5	93	0.00
79 T	2-Chlorotoluene	50.000	52.893	-5.8	94	0.01
80 T	1,3,5-Trimethylbenzene	50.000	54.201	-8.4	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.692	-5.4	94	0.00
82 T	4-Chlorotoluene	50.000	52.782	-5.6	94	0.01
83 T	tert-Butylbenzene	50.000	53.780	-7.6	94	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.570	-9.1	96	0.00
85 T	sec-Butylbenzene	50.000	54.056	-8.1	95	0.00
86 T	p-Isopropyltoluene	50.000	55.713	-11.4	97	0.00
87 T	1,3-Dichlorobenzene	50.000	55.892	-11.8	102	0.00
88 T	1,4-Dichlorobenzene	50.000	55.023	-10.0	100	0.00
89 T	n-Butylbenzene	50.000	53.579	-7.2	94	0.00
90 T	Hexachloroethane	50.000	55.163	-10.3	99	0.01
91 T	1,2-Dichlorobenzene	50.000	55.558	-11.1	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.503	-5.0	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.895	-7.8	96	0.00
94 T	Hexachlorobutadiene	50.000	56.912	-13.8	103	0.00
95 T	Naphthalene	50.000	54.023	-8.0	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.955	-9.9	100	0.00

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