

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090525\
 Data File : VY023290.D
 Acq On : 05 Sep 2025 09:44
 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: Sep 06 01:51:56 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	40.323	19.4	88	0.00
3 P	Chloromethane	50.000	40.103	19.8	81	0.00
4 C	Vinyl Chloride	50.000	44.300	11.4#	88	0.00
5 T	Bromomethane	50.000	46.026	7.9	97	0.00
6 T	Chloroethane	50.000	46.701	6.6	92	0.00
7 T	Trichlorofluoromethane	50.000	48.430	3.1	96	0.00
8 T	Diethyl Ether	50.000	45.738	8.5	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.229	-2.5	101	0.00
10 T	Methyl Iodide	50.000	52.263	-4.5	94	0.00
11 T	Tert butyl alcohol	250.000	282.687	-13.1	108	0.00
12 CM	1,1-Dichloroethene	50.000	48.175	3.7#	93	0.00
13 T	Acrolein	250.000	30.263	87.9#	12	0.00
14 T	Allyl chloride	50.000	42.303	15.4	81	0.00
15 T	Acrylonitrile	250.000	234.369	6.3	88	0.00
16 T	Acetone	250.000	255.202	-2.1	95	0.00
17 T	Carbon Disulfide	50.000	42.802	14.4	84	0.00
18 T	Methyl Acetate	50.000	45.969	8.1	82	0.00
19 T	Methyl tert-butyl Ether	50.000	46.847	6.3	88	0.00
20 T	Methylene Chloride	50.000	48.253	3.5	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.467	1.1	95	0.00
22 T	Diisopropyl ether	50.000	44.703	10.6	85	0.00
23 T	Vinyl Acetate	250.000	221.110	11.6	83	0.00
24 P	1,1-Dichloroethane	50.000	47.128	5.7	90	0.00
25 T	2-Butanone	250.000	233.002	6.8	86	0.00
26 T	2,2-Dichloropropane	50.000	50.617	-1.2	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.568	0.9	95	0.00
28 T	Bromochloromethane	50.000	44.433	11.1	85	0.00
29 T	Tetrahydrofuran	250.000	225.488	9.8	84	0.00
30 C	Chloroform	50.000	49.858	0.3#	96	0.00
31 T	Cyclohexane	50.000	42.236	15.5	85	0.00
32 T	1,1,1-Trichloroethane	50.000	50.577	-1.2	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.303	13.4	83	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	51.627	-3.3	90	0.00
36 T	1,1-Dichloropropene	50.000	52.169	-4.3	91	0.00
37 T	Ethyl Acetate	50.000	48.992	2.0	83	0.00
38 T	Carbon Tetrachloride	50.000	56.625	-13.3	100	0.00
39 T	Methylcyclohexane	50.000	52.105	-4.2	92	0.00
40 TM	Benzene	50.000	52.712	-5.4	92	0.00
41 T	Methacrylonitrile	50.000	44.693	10.6	75	0.00
42 TM	1,2-Dichloroethane	50.000	50.741	-1.5	89	0.00
43 T	Isopropyl Acetate	50.000	47.584	4.8	82	0.00
44 TM	Trichloroethene	50.000	56.751	-13.5	101	0.00
45 C	1,2-Dichloropropane	50.000	51.552	-3.1#	90	0.00
46 T	Dibromomethane	50.000	54.057	-8.1	94	0.00
47 T	Bromodichloromethane	50.000	54.399	-8.8	94	0.00
48 T	Methyl methacrylate	50.000	47.373	5.3	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1059.291	-5.9	91	0.00
50 S	Toluene-d8	50.000	50.049	-0.1	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.323	-1.3	85	0.00
52 CM	Toluene	50.000	54.717	-9.4#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	52.208	-4.4	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.604	-5.2	90	0.00
55 T	1,1,2-Trichloroethane	50.000	55.691	-11.4	97	0.00
56 T	Ethyl methacrylate	50.000	52.242	-4.5	86	0.00
57 T	1,3-Dichloropropane	50.000	52.777	-5.6	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.166	4.7	77	0.00
59 T	2-Hexanone	250.000	265.924	-6.4	88	0.00
60 T	Dibromochloromethane	50.000	57.360	-14.7	98	0.00
61 T	1,2-Dibromoethane	50.000	54.778	-9.6	94	0.00
62 S	4-Bromofluorobenzene	50.000	50.617	-1.2	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	60.574	-21.1	107	0.00
65 PM	Chlorobenzene	50.000	54.592	-9.2	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.894	-13.8	99	0.00
67 C	Ethyl Benzene	50.000	54.125	-8.3#	93	0.00
68 T	m/p-Xylenes	100.000	111.095	-11.1	97	0.00
69 T	o-Xylene	50.000	55.458	-10.9	95	0.00
70 T	Styrene	50.000	56.978	-14.0	97	0.00
71 P	Bromoform	50.000	58.202	-16.4	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73 T	Isopropylbenzene	50.000	53.354	-6.7	97	0.00
74 T	N-amyl acetate	50.000	46.635	6.7	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.735	0.5	92	0.00
76 T	1,2,3-Trichloropropane	50.000	45.725	8.5	74	0.00
77 T	Bromobenzene	50.000	54.363	-8.7	100	0.00
78 T	n-propylbenzene	50.000	53.307	-6.6	96	0.00
79 T	2-Chlorotoluene	50.000	52.634	-5.3	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.538	-7.1	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.131	-0.3	91	0.00
82 T	4-Chlorotoluene	50.000	51.501	-3.0	94	0.00
83 T	tert-Butylbenzene	50.000	54.836	-9.7	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.823	-7.6	97	0.00
85 T	sec-Butylbenzene	50.000	54.283	-8.6	98	0.00
86 T	p-Isopropyltoluene	50.000	55.162	-10.3	99	0.00
87 T	1,3-Dichlorobenzene	50.000	54.459	-8.9	101	0.00
88 T	1,4-Dichlorobenzene	50.000	53.754	-7.5	100	0.00
89 T	n-Butylbenzene	50.000	54.081	-8.2	97	0.00
90 T	Hexachloroethane	50.000	54.397	-8.8	100	0.00
91 T	1,2-Dichlorobenzene	50.000	54.553	-9.1	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.121	-2.2	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.062	-12.1	103	0.00
94 T	Hexachlorobutadiene	50.000	58.875	-17.8	109	0.00
95 T	Naphthalene	50.000	54.632	-9.3	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.426	-12.9	105	0.00

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