

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
 Data File : VY023084.D
 Acq On : 14 Aug 2025 10:17
 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: Aug 14 14:46:40 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	76	0.00
2 T	Dichlorodifluoromethane	50.000	45.046	9.9	80	0.00
3 P	Chloromethane	50.000	55.814	-11.6	93	0.00
4 C	Vinyl Chloride	50.000	57.916	-15.8#	94	0.00
5 T	Bromomethane	50.000	57.438	-14.9	99	0.00
6 T	Chloroethane	50.000	61.186	-22.4	98	0.00
7 T	Trichlorofluoromethane	50.000	53.672	-7.3	87	0.00
8 T	Diethyl Ether	50.000	50.120	-0.2	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.071	-8.1	87	0.00
10 T	Methyl Iodide	50.000	61.652	-23.3	91	0.00
11 T	Tert butyl alcohol	250.000	216.906	13.2	68	0.00
12 CM	1,1-Dichloroethene	50.000	53.125	-6.3#	84	0.00
13 T	Acrolein	250.000	180.505	27.8#	59	0.00
14 T	Allyl chloride	50.000	53.120	-6.2	84	0.00
15 T	Acrylonitrile	250.000	257.151	-2.9	79	0.00
16 T	Acetone	250.000	256.214	-2.5	78	0.00
17 T	Carbon Disulfide	50.000	53.714	-7.4	86	0.00
18 T	Methyl Acetate	50.000	50.608	-1.2	74	0.00
19 T	Methyl tert-butyl Ether	50.000	51.188	-2.4	79	0.00
20 T	Methylene Chloride	50.000	57.006	-14.0	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.278	-10.6	87	0.00
22 T	Diisopropyl ether	50.000	55.396	-10.8	86	0.00
23 T	Vinyl Acetate	250.000	265.520	-6.2	82	0.00
24 P	1,1-Dichloroethane	50.000	56.544	-13.1	88	0.00
25 T	2-Butanone	250.000	252.314	-0.9	76	0.00
26 T	2,2-Dichloropropane	50.000	55.247	-10.5	87	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.962	-9.9	86	0.00
28 T	Bromochloromethane	50.000	58.812	-17.6	92	0.00
29 T	Tetrahydrofuran	250.000	246.358	1.5	75	0.00
30 C	Chloroform	50.000	56.703	-13.4#	89	0.00
31 T	Cyclohexane	50.000	50.659	-1.3	84	0.00
32 T	1,1,1-Trichloroethane	50.000	55.782	-11.6	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.681	-13.4	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35 S	Dibromofluoromethane	50.000	57.573	-15.1	89	0.00
36 T	1,1-Dichloropropene	50.000	56.356	-12.7	87	0.00
37 T	Ethyl Acetate	50.000	52.667	-5.3	79	0.00
38 T	Carbon Tetrachloride	50.000	56.181	-12.4	88	0.00
39 T	Methylcyclohexane	50.000	54.417	-8.8	85	0.00
40 TM	Benzene	50.000	57.200	-14.4	89	0.00
41 T	Methacrylonitrile	50.000	43.117	13.8	64	0.00
42 TM	1,2-Dichloroethane	50.000	55.883	-11.8	87	0.00
43 T	Isopropyl Acetate	50.000	50.705	-1.4	78	0.00
44 TM	Trichloroethene	50.000	56.001	-12.0	88	0.00
45 C	1,2-Dichloropropane	50.000	58.028	-16.1#	90	0.00
46 T	Dibromomethane	50.000	56.649	-13.3	87	0.00
47 T	Bromodichloromethane	50.000	57.122	-14.2	88	0.00
48 T	Methyl methacrylate	50.000	52.585	-5.2	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1033.218	-3.3	78	0.00
50 S	Toluene-d8	50.000	57.835	-15.7	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	260.657	-4.3	77	0.00
52 CM	Toluene	50.000	57.441	-14.9#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	55.165	-10.3	84	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.890	-11.8	85	0.00
55 T	1,1,2-Trichloroethane	50.000	55.184	-10.4	85	0.00
56 T	Ethyl methacrylate	50.000	53.193	-6.4	78	0.00
57 T	1,3-Dichloropropane	50.000	55.040	-10.1	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	280.099	-12.0	80	0.00
59 T	2-Hexanone	250.000	257.924	-3.2	76	0.00
60 T	Dibromochloromethane	50.000	55.947	-11.9	85	0.00
61 T	1,2-Dibromoethane	50.000	54.265	-8.5	83	0.00
62 S	4-Bromofluorobenzene	50.000	56.822	-13.6	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	55.420	-10.8	88	0.00
65 PM	Chlorobenzene	50.000	55.261	-10.5	87	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.623	-11.2	87	0.00
67 C	Ethyl Benzene	50.000	56.146	-12.3#	87	0.00
68 T	m/p-Xylenes	100.000	113.678	-13.7	89	0.00
69 T	o-Xylene	50.000	56.368	-12.7	86	0.00
70 T	Styrene	50.000	58.442	-16.9	89	0.00
71 P	Bromoform	50.000	51.645	-3.3	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	56.330	-12.7	87	0.00
74 T	N-ethyl acetate	50.000	51.690	-3.4	77	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.630	-3.3	82	0.00
76 T	1,2,3-Trichloropropane	50.000	45.053	9.9	62	0.00
77 T	Bromobenzene	50.000	54.218	-8.4	85	0.00
78 T	n-propylbenzene	50.000	57.928	-15.9	89	0.00
79 T	2-Chlorotoluene	50.000	55.767	-11.5	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.421	-14.8	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.259	1.5	76	0.00
82 T	4-Chlorotoluene	50.000	56.188	-12.4	87	0.00
83 T	tert-Butylbenzene	50.000	55.552	-11.1	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	58.063	-16.1	89	0.00
85 T	sec-Butylbenzene	50.000	57.500	-15.0	89	0.00
86 T	p-Isopropyltoluene	50.000	58.310	-16.6	89	0.00
87 T	1,3-Dichlorobenzene	50.000	56.125	-12.3	89	0.00
88 T	1,4-Dichlorobenzene	50.000	55.125	-10.3	87	0.00
89 T	n-Butylbenzene	50.000	57.904	-15.8	88	0.00
90 T	Hexachloroethane	50.000	56.482	-13.0	89	0.00
91 T	1,2-Dichlorobenzene	50.000	55.616	-11.2	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.839	-3.7	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.769	-3.5	81	0.00
94 T	Hexachlorobutadiene	50.000	54.099	-8.2	86	0.00
95 T	Naphthalene	50.000	50.929	-1.9	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.145	-2.3	81	0.00

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