

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
 Data File : VY022470.D
 Acq On : 29 May 2025 17:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 30 05:36:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 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	46.570	6.9	80	0.00
3 P	Chloromethane	50.000	60.973	-21.9	91	0.00
4 C	Vinyl Chloride	50.000	60.156	-20.3#	90	0.00
5 T	Bromomethane	50.000	52.755	-5.5	82	0.00
6 T	Chloroethane	50.000	61.173	-22.3	86	0.00
7 T	Trichlorofluoromethane	50.000	54.435	-8.9	84	0.00
8 T	Diethyl Ether	50.000	55.413	-10.8	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.209	-4.4	81	0.00
10 T	Methyl Iodide	50.000	57.364	-14.7	81	0.00
11 T	Tert butyl alcohol	250.000	279.748	-11.9	89	0.00
12 CM	1,1-Dichloroethene	50.000	52.416	-4.8#	82	0.00
13 T	Acrolein	250.000	215.397	13.8	65	0.00
14 T	Allyl chloride	50.000	54.270	-8.5	83	0.00
15 T	Acrylonitrile	250.000	292.148	-16.9	89	0.00
16 T	Acetone	250.000	280.563	-12.2	87	0.00
17 T	Carbon Disulfide	50.000	52.307	-4.6	81	0.00
18 T	Methyl Acetate	50.000	59.955	-19.9	96	0.00
19 T	Methyl tert-butyl Ether	50.000	56.228	-12.5	86	0.00
20 T	Methylene Chloride	50.000	50.253	-0.5	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.052	-8.1	84	0.00
22 T	Diisopropyl ether	50.000	54.828	-9.7	84	0.00
23 T	Vinyl Acetate	250.000	275.643	-10.3	84	0.00
24 P	1,1-Dichloroethane	50.000	55.420	-10.8	85	0.00
25 T	2-Butanone	250.000	283.577	-13.4	88	0.00
26 T	2,2-Dichloropropane	50.000	51.467	-2.9	79	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.627	-11.3	86	0.00
28 T	Bromochloromethane	50.000	56.201	-12.4	84	0.00
29 T	Tetrahydrofuran	250.000	288.767	-15.5	89	0.00
30 C	Chloroform	50.000	56.544	-13.1#	85	0.00
31 T	Cyclohexane	50.000	49.146	1.7	81	0.00
32 T	1,1,1-Trichloroethane	50.000	53.942	-7.9	83	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.985	-8.0	82	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35 S	Dibromofluoromethane	50.000	51.134	-2.3	82	0.00
36 T	1,1-Dichloropropene	50.000	51.853	-3.7	83	0.00
37 T	Ethyl Acetate	50.000	55.050	-10.1	86	0.00
38 T	Carbon Tetrachloride	50.000	51.533	-3.1	82	0.00
39 T	Methylcyclohexane	50.000	50.467	-0.9	81	0.00
40 TM	Benzene	50.000	53.022	-6.0	84	0.00
41 T	Methacrylonitrile	50.000	55.121	-10.2	90	-0.02
42 TM	1,2-Dichloroethane	50.000	55.392	-10.8	87	0.00
43 T	Isopropyl Acetate	50.000	54.053	-8.1	85	0.00
44 TM	Trichloroethene	50.000	52.127	-4.3	82	0.00
45 C	1,2-Dichloropropane	50.000	53.466	-6.9#	85	0.00
46 T	Dibromomethane	50.000	53.862	-7.7	85	0.00
47 T	Bromodichloromethane	50.000	54.119	-8.2	86	0.00
48 T	Methyl methacrylate	50.000	54.288	-8.6	86	0.00

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

49 T	1,4-Dioxane	1000.000	1102.345	-10.2	88	0.00
50 S	Toluene-d8	50.000	50.999	-2.0	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	284.572	-13.8	88	0.00
52 CM	Toluene	50.000	53.315	-6.6#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	53.629	-7.3	85	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.891	-5.8	84	0.00
55 T	1,1,2-Trichloroethane	50.000	55.686	-11.4	88	0.00
56 T	Ethyl methacrylate	50.000	54.355	-8.7	83	0.00
57 T	1,3-Dichloropropane	50.000	54.624	-9.2	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.090	-9.2	85	0.00
59 T	2-Hexanone	250.000	281.823	-12.7	86	0.00
60 T	Dibromochloromethane	50.000	53.951	-7.9	83	0.00
61 T	1,2-Dibromoethane	50.000	55.494	-11.0	86	0.00
62 S	4-Bromofluorobenzene	50.000	49.961	0.1	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64 T	Tetrachloroethene	50.000	53.496	-7.0	84	0.00
65 PM	Chlorobenzene	50.000	53.376	-6.8	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.221	-6.4	83	0.00
67 C	Ethyl Benzene	50.000	52.854	-5.7#	84	0.00
68 T	m/p-Xylenes	100.000	105.221	-5.2	83	0.00
69 T	o-Xylene	50.000	52.238	-4.5	83	0.00
70 T	Styrene	50.000	53.462	-6.9	83	0.00
71 P	Bromoform	50.000	54.410	-8.8	85	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	0.00
73 T	Isopropylbenzene	50.000	52.810	-5.6	84	0.00
74 T	N-amyl acetate	50.000	54.477	-9.0	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.295	-8.6	86	0.00
76 T	1,2,3-Trichloropropane	50.000	52.283	-4.6	84	0.00
77 T	Bromobenzene	50.000	51.861	-3.7	81	0.00
78 T	n-propylbenzene	50.000	53.100	-6.2	84	0.00
79 T	2-Chlorotoluene	50.000	52.686	-5.4	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.524	-7.0	84	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.384	-6.8	86	0.00
82 T	4-Chlorotoluene	50.000	52.907	-5.8	83	0.00
83 T	tert-Butylbenzene	50.000	52.573	-5.1	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.884	-5.8	82	0.00
85 T	sec-Butylbenzene	50.000	53.345	-6.7	83	0.00
86 T	p-Isopropyltoluene	50.000	53.388	-6.8	83	0.00
87 T	1,3-Dichlorobenzene	50.000	52.627	-5.3	83	0.00
88 T	1,4-Dichlorobenzene	50.000	52.358	-4.7	82	0.00
89 T	n-Butylbenzene	50.000	53.463	-6.9	81	0.00
90 T	Hexachloroethane	50.000	51.830	-3.7	81	0.00
91 T	1,2-Dichlorobenzene	50.000	52.788	-5.6	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.278	-2.6	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.479	-3.0	77	0.00
94 T	Hexachlorobutadiene	50.000	52.030	-4.1	80	0.00
95 T	Naphthalene	50.000	53.752	-7.5	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.006	-4.0	77	0.00

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