

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053025\
 Data File : VY022472.D
 Acq On : 30 May 2025 11:20
 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: May 31 02:24:01 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	85	0.00
2 T	Dichlorodifluoromethane	50.000	46.482	7.0	89	0.00
3 P	Chloromethane	50.000	46.917	6.2	79	0.00
4 C	Vinyl Chloride	50.000	52.214	-4.4#	88	0.00
5 T	Bromomethane	50.000	48.545	2.9	84	0.00
6 T	Chloroethane	50.000	55.336	-10.7	87	0.00
7 T	Trichlorofluoromethane	50.000	54.215	-8.4	93	0.00
8 T	Diethyl Ether	50.000	53.028	-6.1	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.700	-3.4	90	0.00
10 T	Methyl Iodide	50.000	52.597	-5.2	83	-0.01
11 T	Tert butyl alcohol	250.000	274.048	-9.6	98	-0.01
12 CM	1,1-Dichloroethene	50.000	50.900	-1.8#	89	0.00
13 T	Acrolein	250.000	197.364	21.1	66	0.00
14 T	Allyl chloride	50.000	53.264	-6.5	91	0.00
15 T	Acrylonitrile	250.000	275.441	-10.2	94	0.00
16 T	Acetone	250.000	391.791	-56.7#	137	0.00
17 T	Carbon Disulfide	50.000	49.975	0.0	86	0.00
18 T	Methyl Acetate	50.000	53.473	-6.9	96	-0.01
19 T	Methyl tert-butyl Ether	50.000	52.305	-4.6	90	0.00
20 T	Methylene Chloride	50.000	51.033	-2.1	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.343	-0.7	88	0.00
22 T	Diisopropyl ether	50.000	52.442	-4.9	90	0.00
23 T	Vinyl Acetate	250.000	270.813	-8.3	92	-0.01
24 P	1,1-Dichloroethane	50.000	53.595	-7.2	92	0.00
25 T	2-Butanone	250.000	306.209	-22.5	106	-0.02
26 T	2,2-Dichloropropane	50.000	52.118	-4.2	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.226	-2.5	89	0.00
28 T	Bromochloromethane	50.000	55.243	-10.5	92	0.00
29 T	Tetrahydrofuran	250.000	272.968	-9.2	94	0.00
30 C	Chloroform	50.000	53.056	-6.1#	89	0.00
31 T	Cyclohexane	50.000	48.596	2.8	90	0.00
32 T	1,1,1-Trichloroethane	50.000	52.539	-5.1	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.271	-8.5	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	52.802	-5.6	91	0.00
36 T	1,1-Dichloropropene	50.000	51.991	-4.0	89	0.00
37 T	Ethyl Acetate	50.000	56.957	-13.9	96	0.00
38 T	Carbon Tetrachloride	50.000	51.575	-3.2	88	0.00
39 T	Methylcyclohexane	50.000	51.401	-2.8	88	0.00
40 TM	Benzene	50.000	52.505	-5.0	89	0.00
41 T	Methacrylonitrile	50.000	46.717	6.6	82	-0.02
42 TM	1,2-Dichloroethane	50.000	54.198	-8.4	91	0.00
43 T	Isopropyl Acetate	50.000	54.741	-9.5	92	0.00
44 TM	Trichloroethene	50.000	51.388	-2.8	87	0.00
45 C	1,2-Dichloropropane	50.000	53.028	-6.1#	91	0.00
46 T	Dibromomethane	50.000	53.273	-6.5	90	0.00
47 T	Bromodichloromethane	50.000	53.501	-7.0	92	0.00
48 T	Methyl methacrylate	50.000	54.537	-9.1	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1057.597	-5.8	91	0.00
50 S	Toluene-d8	50.000	52.995	-6.0	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	281.130	-12.5	93	0.00
52 CM	Toluene	50.000	52.723	-5.4#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	53.288	-6.6	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.773	-5.5	90	0.00
55 T	1,1,2-Trichloroethane	50.000	53.769	-7.5	92	0.00
56 T	Ethyl methacrylate	50.000	54.268	-8.5	89	0.00
57 T	1,3-Dichloropropane	50.000	53.738	-7.5	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.353	-6.1	89	0.00
59 T	2-Hexanone	250.000	299.896	-20.0	98	0.00
60 T	Dibromochloromethane	50.000	52.350	-4.7	87	0.00
61 T	1,2-Dibromoethane	50.000	53.202	-6.4	88	0.00
62 S	4-Bromofluorobenzene	50.000	50.536	-1.1	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	49.960	0.1	84	0.00
65 PM	Chlorobenzene	50.000	52.737	-5.5	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.750	-5.5	87	0.00
67 C	Ethyl Benzene	50.000	53.445	-6.9#	90	0.00
68 T	m/p-Xylenes	100.000	105.386	-5.4	88	0.00
69 T	o-Xylene	50.000	52.372	-4.7	88	0.00
70 T	Styrene	50.000	53.102	-6.2	88	0.00
71 P	Bromoform	50.000	52.861	-5.7	88	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	53.202	-6.4	89	0.00
74 T	N-amyl acetate	50.000	55.921	-11.8	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.495	-9.0	91	0.00
76 T	1,2,3-Trichloropropane	50.000	52.522	-5.0	89	0.00
77 T	Bromobenzene	50.000	51.601	-3.2	85	0.00
78 T	n-propylbenzene	50.000	54.342	-8.7	90	0.00
79 T	2-Chlorotoluene	50.000	53.192	-6.4	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.667	-7.3	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.520	-9.0	93	0.00
82 T	4-Chlorotoluene	50.000	53.206	-6.4	88	0.00
83 T	tert-Butylbenzene	50.000	53.873	-7.7	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.516	-7.0	88	0.00
85 T	sec-Butylbenzene	50.000	54.644	-9.3	90	0.00
86 T	p-Isopropyltoluene	50.000	54.274	-8.5	89	0.00
87 T	1,3-Dichlorobenzene	50.000	52.609	-5.2	87	0.00
88 T	1,4-Dichlorobenzene	50.000	52.846	-5.7	87	0.00
89 T	n-Butylbenzene	50.000	55.199	-10.4	88	0.00
90 T	Hexachloroethane	50.000	53.335	-6.7	88	0.00
91 T	1,2-Dichlorobenzene	50.000	53.121	-6.2	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.990	-6.0	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.679	-7.4	85	0.00
94 T	Hexachlorobutadiene	50.000	54.267	-8.5	88	0.00
95 T	Naphthalene	50.000	55.465	-10.9	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.600	-7.2	84	0.00

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