

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
 Data File : VY022093.D
 Acq On : 30 Apr 2025 19:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 01 01:41:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	44.273	11.5	84	0.00
3 P	Chloromethane	50.000	49.110	1.8	86	0.00
4 C	Vinyl Chloride	50.000	49.757	0.5#	88	0.00
5 T	Bromomethane	50.000	44.478	11.0	83	0.00
6 T	Chloroethane	50.000	48.372	3.3	86	0.00
7 T	Trichlorofluoromethane	50.000	48.555	2.9	87	0.00
8 T	Diethyl Ether	50.000	50.107	-0.2	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.344	7.3	88	0.00
10 T	Methyl Iodide	50.000	53.408	-6.8	91	0.00
11 T	Tert butyl alcohol	250.000	252.019	-0.8	85	-0.01
12 CM	1,1-Dichloroethene	50.000	48.803	2.4#	90	0.00
13 T	Acrolein	250.000	189.869	24.1	71	0.00
14 T	Allyl chloride	50.000	49.330	1.3	89	0.00
15 T	Acrylonitrile	250.000	260.682	-4.3	91	0.00
16 T	Acetone	250.000	273.850	-9.5	91	0.00
17 T	Carbon Disulfide	50.000	47.541	4.9	88	0.00
18 T	Methyl Acetate	50.000	75.296	-50.6#	127	0.00
19 T	Methyl tert-butyl Ether	50.000	52.188	-4.4	89	0.00
20 T	Methylene Chloride	50.000	47.515	5.0	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.515	-3.0	94	0.00
22 T	Diisopropyl ether	50.000	52.178	-4.4	91	0.00
23 T	Vinyl Acetate	250.000	241.676	3.3	82	0.00
24 P	1,1-Dichloroethane	50.000	50.297	-0.6	92	0.00
25 T	2-Butanone	250.000	256.584	-2.6	89	0.00
26 T	2,2-Dichloropropane	50.000	42.880	14.2	79	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.187	-4.4	92	0.00
28 T	Bromochloromethane	50.000	48.399	3.2	85	0.00
29 T	Tetrahydrofuran	250.000	267.468	-7.0	87	0.00
30 C	Chloroform	50.000	51.770	-3.5#	93	0.00
31 T	Cyclohexane	50.000	46.232	7.5	87	0.00
32 T	1,1,1-Trichloroethane	50.000	50.005	-0.0	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.771	-1.5	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	50.509	-1.0	88	0.00
36 T	1,1-Dichloropropene	50.000	49.827	0.3	90	0.00
37 T	Ethyl Acetate	50.000	49.123	1.8	84	0.00
38 T	Carbon Tetrachloride	50.000	49.989	0.0	91	0.00
39 T	Methylcyclohexane	50.000	48.353	3.3	85	0.00
40 TM	Benzene	50.000	51.816	-3.6	93	0.00
41 T	Methacrylonitrile	50.000	50.746	-1.5	84	0.00
42 TM	1,2-Dichloroethane	50.000	51.202	-2.4	91	0.00
43 T	Isopropyl Acetate	50.000	51.574	-3.1	88	0.00
44 TM	Trichloroethene	50.000	51.686	-3.4	94	0.00
45 C	1,2-Dichloropropane	50.000	51.567	-3.1#	92	0.00
46 T	Dibromomethane	50.000	52.864	-5.7	94	0.00
47 T	Bromodichloromethane	50.000	53.118	-6.2	94	0.00
48 T	Methyl methacrylate	50.000	52.979	-6.0	87	0.00

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

49 T	1,4-Dioxane	1000.000	1083.807	-8.4	95	0.00
50 S	Toluene-d8	50.000	51.963	-3.9	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	277.552	-11.0	90	0.00
52 CM	Toluene	50.000	53.105	-6.2#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	50.926	-1.9	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.866	-1.7	89	0.00
55 T	1,1,2-Trichloroethane	50.000	53.971	-7.9	94	0.00
56 T	Ethyl methacrylate	50.000	54.188	-8.4	87	0.00
57 T	1,3-Dichloropropane	50.000	53.670	-7.3	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	278.156	-11.3	86	0.00
59 T	2-Hexanone	250.000	278.656	-11.5	89	0.00
60 T	Dibromochloromethane	50.000	54.270	-8.5	95	0.00
61 T	1,2-Dibromoethane	50.000	53.986	-8.0	94	0.00
62 S	4-Bromofluorobenzene	50.000	52.603	-5.2	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	51.358	-2.7	96	0.00
65 PM	Chlorobenzene	50.000	50.141	-0.3	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.362	-2.7	94	0.00
67 C	Ethyl Benzene	50.000	51.700	-3.4#	93	0.00
68 T	m/p-Xylenes	100.000	103.402	-3.4	92	0.00
69 T	o-Xylene	50.000	52.505	-5.0	92	0.00
70 T	Styrene	50.000	53.759	-7.5	93	0.00
71 P	Bromoform	50.000	53.441	-6.9	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	49.631	0.7	92	0.00
74 T	N-ethyl acetate	50.000	46.307	7.4	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.903	2.2	93	0.00
76 T	1,2,3-Trichloropropane	50.000	43.815	12.4	85	0.00
77 T	Bromobenzene	50.000	49.825	0.3	94	0.00
78 T	n-propylbenzene	50.000	48.936	2.1	90	0.00
79 T	2-Chlorotoluene	50.000	48.949	2.1	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.993	0.0	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.692	12.6	81	0.00
82 T	4-Chlorotoluene	50.000	48.749	2.5	91	0.00
83 T	tert-Butylbenzene	50.000	50.206	-0.4	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.205	-0.4	92	0.00
85 T	sec-Butylbenzene	50.000	49.077	1.8	91	0.00
86 T	p-Isopropyltoluene	50.000	49.067	1.9	90	0.00
87 T	1,3-Dichlorobenzene	50.000	48.789	2.4	94	0.00
88 T	1,4-Dichlorobenzene	50.000	48.390	3.2	94	0.00
89 T	n-Butylbenzene	50.000	47.384	5.2	87	0.00
90 T	Hexachloroethane	50.000	47.724	4.6	93	0.00
91 T	1,2-Dichlorobenzene	50.000	49.546	0.9	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.884	6.2	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.224	3.6	92	0.00
94 T	Hexachlorobutadiene	50.000	46.383	7.2	93	0.00
95 T	Naphthalene	50.000	51.039	-2.1	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.013	2.0	94	0.00

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