

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\YY121923\
 Data File : VY016720.D
 Acq On : 20 Dec 2023 01:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 20 06:44:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 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	77	0.02
2 T	Dichlorodifluoromethane	50.000	49.970	0.1	76	0.01
3 P	Chloromethane	50.000	56.868	-13.7	80	0.00
4 C	Vinyl Chloride	50.000	51.204	-2.4#	84	0.01
5 T	Bromomethane	50.000	50.686	-1.4	88	0.01
6 T	Chloroethane	50.000	49.810	0.4	85	0.01
7 T	Trichlorofluoromethane	50.000	48.335	3.3	80	0.01
8 T	Diethyl Ether	50.000	52.821	-5.6	85	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.880	2.2	79	0.02
10 T	Methyl Iodide	50.000	54.218	-8.4	84	0.02
11 T	Tert butyl alcohol	250.000	220.847	11.7	70	0.02
12 CM	1,1-Dichloroethene	50.000	50.502	-1.0#	82	0.02
13 T	Acrolein	250.000	229.360	8.3	75	0.01
14 T	Allyl chloride	50.000	50.292	-0.6	79	0.02
15 T	Acrylonitrile	250.000	249.126	0.3	81	0.02
16 T	Acetone	250.000	213.844	14.5	71	0.01
17 T	Carbon Disulfide	50.000	52.114	-4.2	81	0.02
18 T	Methyl Acetate	50.000	54.891	-9.8	85	0.01
19 T	Methyl tert-butyl Ether	50.000	53.301	-6.6	84	0.02
20 T	Methylene Chloride	50.000	60.189	-20.4	87	0.02
21 T	trans-1,2-Dichloroethene	50.000	54.382	-8.8	85	0.02
22 T	Diisopropyl ether	50.000	54.209	-8.4	82	0.02
23 T	Vinyl Acetate	250.000	247.973	0.8	78	0.02
24 P	1,1-Dichloroethane	50.000	53.556	-7.1	85	0.02
25 T	2-Butanone	250.000	236.599	5.4	77	0.02
26 T	2,2-Dichloropropane	50.000	49.155	1.7	79	0.02
27 T	cis-1,2-Dichloroethene	50.000	55.875	-11.8	88	0.02
28 T	Bromochloromethane	50.000	58.266	-16.5	96	0.01
29 T	Tetrahydrofuran	250.000	253.238	-1.3	81	0.02
30 C	Chloroform	50.000	54.141	-8.3#	87	0.02
31 T	Cyclohexane	50.000	46.372	7.3	75	0.02
32 T	1,1,1-Trichloroethane	50.000	52.275	-4.5	83	0.02
33 S	1,2-Dichloroethane-d4	50.000	51.433	-2.9	77	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.02
35 S	Dibromofluoromethane	50.000	51.406	-2.8	77	0.02
36 T	1,1-Dichloropropene	50.000	49.913	0.2	81	0.02
37 T	Ethyl Acetate	50.000	47.717	4.6	81	0.02
38 T	Carbon Tetrachloride	50.000	51.377	-2.8	85	0.02
39 T	Methylcyclohexane	50.000	49.423	1.2	78	0.02
40 TM	Benzene	50.000	52.561	-5.1	86	0.01
41 T	Methacrylonitrile	50.000	48.930	2.1	69	0.02
42 TM	1,2-Dichloroethane	50.000	52.809	-5.6	87	0.02
43 T	Isopropyl Acetate	50.000	48.671	2.7	81	0.01
44 TM	Trichloroethene	50.000	52.516	-5.0	87	0.02
45 C	1,2-Dichloropropane	50.000	52.754	-5.5#	86	0.02
46 T	Dibromomethane	50.000	52.746	-5.5	87	0.02
47 T	Bromodichloromethane	50.000	53.265	-6.5	87	0.02
48 T	Methyl methacrylate	50.000	50.174	-0.3	79	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	995.902	0.4	80	0.02
50 S	Toluene-d8	50.000	51.584	-3.2	75	0.02
51 T	4-Methyl-2-Pentanone	250.000	249.136	0.3	81	0.02
52 CM	Toluene	50.000	53.171	-6.3#	85	0.01
53 T	t-1,3-Dichloropropene	50.000	52.660	-5.3	84	0.02
54 T	cis-1,3-Dichloropropene	50.000	52.415	-4.8	84	0.02
55 T	1,1,2-Trichloroethane	50.000	51.825	-3.7	86	0.01
56 T	Ethyl methacrylate	50.000	52.193	-4.4	83	0.02
57 T	1,3-Dichloropropane	50.000	52.842	-5.7	85	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	222.875	10.9	79	0.02
59 T	2-Hexanone	250.000	224.237	10.3	78	0.01
60 T	Dibromochloromethane	50.000	55.054	-10.1	89	0.02
61 T	1,2-Dibromoethane	50.000	52.154	-4.3	86	0.01
62 S	4-Bromofluorobenzene	50.000	50.739	-1.5	76	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.01
64 T	Tetrachloroethene	50.000	55.129	-10.3	91	0.01
65 PM	Chlorobenzene	50.000	52.746	-5.5	87	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	53.075	-6.2	89	0.01
67 C	Ethyl Benzene	50.000	52.824	-5.6#	85	0.01
68 T	m/p-Xylenes	100.000	106.329	-6.3	86	0.01
69 T	o-Xylene	50.000	53.885	-7.8	86	0.01
70 T	Styrene	50.000	53.826	-7.7	85	0.01
71 P	Bromoform	50.000	52.526	-5.1	88	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.01
73 T	Isopropylbenzene	50.000	53.244	-6.5	85	0.01
74 T	N-amyl acetate	50.000	47.776	4.4	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.574	0.9	84	0.01
76 T	1,2,3-Trichloropropane	50.000	49.628	0.7	78	0.00
77 T	Bromobenzene	50.000	53.637	-7.3	89	0.01
78 T	n-propylbenzene	50.000	52.949	-5.9	84	0.01
79 T	2-Chlorotoluene	50.000	52.386	-4.8	85	0.01
80 T	1,3,5-Trimethylbenzene	50.000	54.164	-8.3	85	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	46.631	6.7	77	0.01
82 T	4-Chlorotoluene	50.000	52.161	-4.3	85	0.01
83 T	tert-Butylbenzene	50.000	53.643	-7.3	87	0.01
84 T	1,2,4-Trimethylbenzene	50.000	53.982	-8.0	85	0.01
85 T	sec-Butylbenzene	50.000	53.009	-6.0	84	0.00
86 T	p-Isopropyltoluene	50.000	53.471	-6.9	85	0.00
87 T	1,3-Dichlorobenzene	50.000	52.206	-4.4	87	0.01
88 T	1,4-Dichlorobenzene	50.000	52.423	-4.8	87	0.01
89 T	n-Butylbenzene	50.000	51.940	-3.9	82	0.01
90 T	Hexachloroethane	50.000	53.688	-7.4	88	0.00
91 T	1,2-Dichlorobenzene	50.000	53.365	-6.7	88	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.795	10.4	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.710	-1.4	84	0.01
94 T	Hexachlorobutadiene	50.000	51.981	-4.0	87	0.01
95 T	Naphthalene	50.000	49.555	0.9	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.782	0.4	84	0.00

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