

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012810.D
 Acq On : 03 Mar 2023 20:35
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 04 01:28:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	47.107	5.8	82	0.00
3 P	Chloromethane	50.000	45.561	8.9	82	0.00
4 C	Vinyl Chloride	50.000	48.657	2.7#	83	0.00
5 T	Bromomethane	50.000	50.623	-1.2	87	0.00
6 T	Chloroethane	50.000	51.908	-3.8	87	0.00
7 T	Trichlorofluoromethane	50.000	50.279	-0.6	86	0.00
8 T	Diethyl Ether	50.000	50.451	-0.9	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.713	0.6	85	0.00
10 T	Methyl Iodide	50.000	51.336	-2.7	81	0.00
11 T	Tert butyl alcohol	250.000	272.297	-8.9	91	0.00
12 CM	1,1-Dichloroethene	50.000	49.715	0.6#	83	0.00
13 T	Acrolein	250.000	237.463	5.0	80	0.00
14 T	Allyl chloride	50.000	48.744	2.5	81	0.00
15 T	Acrylonitrile	250.000	269.683	-7.9	89	0.00
16 T	Acetone	250.000	218.753	12.5	67	0.00
17 T	Carbon Disulfide	50.000	49.016	2.0	83	0.00
18 T	Methyl Acetate	50.000	51.686	-3.4	85	0.00
19 T	Methyl tert-butyl Ether	50.000	53.327	-6.7	86	0.00
20 T	Methylene Chloride	50.000	54.164	-8.3	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.560	-3.1	86	0.00
22 T	Diisopropyl ether	50.000	51.790	-3.6	84	0.00
23 T	Vinyl Acetate	250.000	266.966	-6.8	85	0.00
24 P	1,1-Dichloroethane	50.000	50.988	-2.0	85	0.00
25 T	2-Butanone	250.000	249.174	0.3	79	0.00
26 T	2,2-Dichloropropane	50.000	47.201	5.6	80	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.590	-5.2	86	0.00
28 T	Bromochloromethane	50.000	52.504	-5.0	86	0.00
29 T	Tetrahydrofuran	250.000	276.099	-10.4	88	0.00
30 C	Chloroform	50.000	53.164	-6.3#	88	0.00
31 T	Cyclohexane	50.000	47.217	5.6	81	0.00
32 T	1,1,1-Trichloroethane	50.000	51.860	-3.7	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.688	2.6	82	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	49.713	0.6	82	0.00
36 T	1,1-Dichloropropene	50.000	50.590	-1.2	84	0.00
37 T	Ethyl Acetate	50.000	53.847	-7.7	92	0.00
38 T	Carbon Tetrachloride	50.000	52.817	-5.6	87	0.00
39 T	Methylcyclohexane	50.000	51.216	-2.4	82	0.00
40 TM	Benzene	50.000	52.414	-4.8	86	0.00
41 T	Methacrylonitrile	50.000	55.894	-11.8	91	0.00
42 TM	1,2-Dichloroethane	50.000	53.284	-6.6	87	0.00
43 T	Isopropyl Acetate	50.000	53.512	-7.0	86	0.00
44 TM	Trichloroethene	50.000	52.498	-5.0	86	0.00
45 C	1,2-Dichloropropane	50.000	53.162	-6.3#	89	0.00
46 T	Dibromomethane	50.000	55.410	-10.8	90	0.00
47 T	Bromodichloromethane	50.000	54.064	-8.1	89	0.00
48 T	Methyl methacrylate	50.000	55.206	-10.4	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1190.051	-19.0	95	0.00
50 S	Toluene-d8	50.000	48.021	4.0	81	0.00
51 T	4-Methyl-2-Pentanone	250.000	283.088	-13.2	89	0.00
52 CM	Toluene	50.000	54.388	-8.8#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	53.444	-6.9	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.853	-7.7	87	0.00
55 T	1,1,2-Trichloroethane	50.000	54.607	-9.2	90	0.00
56 T	Ethyl methacrylate	50.000	57.118	-14.2	88	0.00
57 T	1,3-Dichloropropane	50.000	54.488	-9.0	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.374	-4.1	81	0.00
59 T	2-Hexanone	250.000	278.550	-11.4	86	0.00
60 T	Dibromochloromethane	50.000	54.609	-9.2	90	0.00
61 T	1,2-Dibromoethane	50.000	54.369	-8.7	89	0.00
62 S	4-Bromofluorobenzene	50.000	48.718	2.6	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	52.483	-5.0	88	0.00
65 PM	Chlorobenzene	50.000	52.678	-5.4	87	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.063	-8.1	90	0.00
67 C	Ethyl Benzene	50.000	53.072	-6.1#	86	0.00
68 T	m/p-Xylenes	100.000	106.987	-7.0	86	0.00
69 T	o-Xylene	50.000	54.079	-8.2	88	0.00
70 T	Styrene	50.000	55.504	-11.0	88	0.00
71 P	Bromoform	50.000	56.218	-12.4	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	51.968	-3.9	87	0.00
74 T	N-ethyl acetate	50.000	51.617	-3.2	85	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.285	-8.6	93	0.00
76 T	1,2,3-Trichloropropane	50.000	55.117	-10.2	94	0.00
77 T	Bromobenzene	50.000	51.606	-3.2	88	0.00
78 T	n-propylbenzene	50.000	51.988	-4.0	87	0.00
79 T	2-Chlorotoluene	50.000	51.699	-3.4	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.880	-3.8	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.780	-3.6	87	0.00
82 T	4-Chlorotoluene	50.000	52.209	-4.4	88	0.00
83 T	tert-Butylbenzene	50.000	52.548	-5.1	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.123	-4.2	87	0.00
85 T	sec-Butylbenzene	50.000	51.484	-3.0	87	0.00
86 T	p-Isopropyltoluene	50.000	51.553	-3.1	86	0.00
87 T	1,3-Dichlorobenzene	50.000	51.636	-3.3	88	0.00
88 T	1,4-Dichlorobenzene	50.000	50.483	-1.0	87	0.00
89 T	n-Butylbenzene	50.000	49.922	0.2	83	0.00
90 T	Hexachloroethane	50.000	49.356	1.3	86	0.00
91 T	1,2-Dichlorobenzene	50.000	51.301	-2.6	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.919	-3.8	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.005	6.0	79	0.00
94 T	Hexachlorobutadiene	50.000	44.802	10.4	79	0.00
95 T	Naphthalene	50.000	49.233	1.5	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.927	6.1	79	0.00

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