

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012577.D
 Acq On : 14 Feb 2023 09:52
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 15 04:23:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	43.481	13.0	75	0.00
3 P	Chloromethane	50.000	40.226	19.5	74	0.00
4 C	Vinyl Chloride	50.000	43.875	12.3#	78	0.00
5 T	Bromomethane	50.000	48.598	2.8	81	0.00
6 T	Chloroethane	50.000	46.126	7.7	82	0.00
7 T	Trichlorofluoromethane	50.000	48.654	2.7	85	0.00
8 T	Diethyl Ether	50.000	48.359	3.3	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.992	4.0	81	0.00
10 T	Methyl Iodide	50.000	50.127	-0.3	80	0.00
11 T	Tert butyl alcohol	250.000	223.333	10.7	88	0.00
12 CM	1,1-Dichloroethene	50.000	46.376	7.2#	81	0.00
13 T	Acrolein	250.000	256.646	-2.7	95	0.00
14 T	Allyl chloride	50.000	44.534	10.9	76	0.00
15 T	Acrylonitrile	250.000	253.714	-1.5	90	0.00
16 T	Acetone	250.000	278.107	-11.2	94	0.00
17 T	Carbon Disulfide	50.000	41.285	17.4	75	0.00
18 T	Methyl Acetate	50.000	49.015	2.0	94	0.00
19 T	Methyl tert-butyl Ether	50.000	52.147	-4.3	89	0.00
20 T	Methylene Chloride	50.000	45.736	8.5	76	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.185	5.6	81	0.00
22 T	Diisopropyl ether	50.000	47.308	5.4	78	0.00
23 T	Vinyl Acetate	250.000	249.633	0.1	83	0.00
24 P	1,1-Dichloroethane	50.000	46.919	6.2	80	0.00
25 T	2-Butanone	250.000	254.844	-1.9	91	0.00
26 T	2,2-Dichloropropane	50.000	48.655	2.7	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.478	3.0	82	0.00
28 T	Bromochloromethane	50.000	52.594	-5.2	84	0.00
29 T	Tetrahydrofuran	250.000	256.057	-2.4	92	0.00
30 C	Chloroform	50.000	49.203	1.6#	84	0.00
31 T	Cyclohexane	50.000	41.399	17.2	74	0.00
32 T	1,1,1-Trichloroethane	50.000	50.674	-1.3	85	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.916	-5.8	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35 S	Dibromofluoromethane	50.000	55.162	-10.3	87	0.00
36 T	1,1-Dichloropropene	50.000	48.313	3.4	80	0.00
37 T	Ethyl Acetate	50.000	50.780	-1.6	89	0.00
38 T	Carbon Tetrachloride	50.000	52.132	-4.3	87	0.00
39 T	Methylcyclohexane	50.000	47.353	5.3	78	0.00
40 TM	Benzene	50.000	48.512	3.0	81	0.00
41 T	Methacrylonitrile	50.000	41.784	16.4	64	-0.02
42 TM	1,2-Dichloroethane	50.000	52.586	-5.2	88	0.00
43 T	Isopropyl Acetate	50.000	52.469	-4.9	90	0.00
44 TM	Trichloroethene	50.000	48.992	2.0	82	0.00
45 C	1,2-Dichloropropane	50.000	47.892	4.2#	78	0.00
46 T	Dibromomethane	50.000	52.728	-5.5	90	0.00
47 T	Bromodichloromethane	50.000	51.940	-3.9	85	0.00
48 T	Methyl methacrylate	50.000	51.956	-3.9	89	0.00

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

49 T	1,4-Dioxane	1000.000	1199.944	-20.0	104	0.00
50 S	Toluene-d8	50.000	53.477	-7.0	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	275.378	-10.2	94	0.00
52 CM	Toluene	50.000	50.005	-0.0#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	52.762	-5.5	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.119	-0.2	82	0.00
55 T	1,1,2-Trichloroethane	50.000	53.045	-6.1	89	0.00
56 T	Ethyl methacrylate	50.000	53.987	-8.0	89	0.00
57 T	1,3-Dichloropropane	50.000	52.283	-4.6	87	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	318.561	-27.4#	106	0.00
59 T	2-Hexanone	250.000	281.109	-12.4	95	0.00
60 T	Dibromochloromethane	50.000	54.558	-9.1	90	0.00
61 T	1,2-Dibromoethane	50.000	52.723	-5.4	89	0.00
62 S	4-Bromofluorobenzene	50.000	53.114	-6.2	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64 T	Tetrachloroethene	50.000	43.972	12.1	70	0.00
65 PM	Chlorobenzene	50.000	50.660	-1.3	84	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.421	-6.8	89	0.00
67 C	Ethyl Benzene	50.000	50.785	-1.6#	83	0.00
68 T	m/p-Xylenes	100.000	102.237	-2.2	83	0.00
69 T	o-Xylene	50.000	52.036	-4.1	84	0.00
70 T	Styrene	50.000	52.203	-4.4	85	0.00
71 P	Bromoform	50.000	56.352	-12.7	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	49.688	0.6	84	0.00
74 T	N-ethyl acetate	50.000	50.582	-1.2	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.065	-6.1	98	0.00
76 T	1,2,3-Trichloropropane	50.000	54.201	-8.4	101	0.00
77 T	Bromobenzene	50.000	49.997	0.0	88	0.00
78 T	n-propylbenzene	50.000	49.054	1.9	83	0.00
79 T	2-Chlorotoluene	50.000	49.113	1.8	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.933	0.1	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.480	1.0	89	0.00
82 T	4-Chlorotoluene	50.000	48.209	3.6	83	0.00
83 T	tert-Butylbenzene	50.000	50.024	-0.0	86	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.765	-1.5	85	0.00
85 T	sec-Butylbenzene	50.000	50.073	-0.1	85	0.00
86 T	p-Isopropyltoluene	50.000	51.195	-2.4	86	0.00
87 T	1,3-Dichlorobenzene	50.000	49.739	0.5	87	0.00
88 T	1,4-Dichlorobenzene	50.000	49.749	0.5	87	0.00
89 T	n-Butylbenzene	50.000	50.489	-1.0	84	0.00
90 T	Hexachloroethane	50.000	48.816	2.4	84	0.00
91 T	1,2-Dichlorobenzene	50.000	49.796	0.4	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.271	-12.5	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.095	-6.2	92	0.00
94 T	Hexachlorobutadiene	50.000	50.629	-1.3	88	0.00
95 T	Naphthalene	50.000	57.255	-14.5	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.316	-8.6	95	0.00

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