

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\Y102522\
 Data File : VY011104.D
 Acq On : 25 Oct 2022 19:05
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 26 09:02:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 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	0.00
2 T	Dichlorodifluoromethane	50.000	42.808	14.4	69	0.00
3 P	Chloromethane	50.000	40.265	19.5	66	0.00
4 C	Vinyl Chloride	50.000	42.188	15.6#	67	0.00
5 T	Bromomethane	50.000	41.417	17.2	71	0.00
6 T	Chloroethane	50.000	44.656	10.7	72	0.00
7 T	Trichlorofluoromethane	50.000	47.197	5.6	75	0.00
8 T	Diethyl Ether	50.000	48.730	2.5	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.070	1.9	78	0.00
10 T	Methyl Iodide	50.000	45.048	9.9	67	0.00
11 T	Tert butyl alcohol	250.000	279.320	-11.7	90	0.00
12 CM	1,1-Dichloroethene	50.000	45.337	9.3#	72	0.00
13 T	Acrolein	250.000	185.158	25.9#	58	0.00
14 T	Allyl chloride	50.000	46.708	6.6	73	0.00
15 T	Acrylonitrile	250.000	275.565	-10.2	86	0.00
16 T	Acetone	250.000	228.892	8.4	72	0.00
17 T	Carbon Disulfide	50.000	38.008	24.0	62	0.00
18 T	Methyl Acetate	50.000	54.115	-8.2	85	0.00
19 T	Methyl tert-butyl Ether	50.000	52.454	-4.9	80	0.00
20 T	Methylene Chloride	50.000	52.127	-4.3	82	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.848	6.3	74	0.00
22 T	Diisopropyl ether	50.000	53.348	-6.7	81	0.00
23 T	Vinyl Acetate	250.000	272.931	-9.2	80	0.00
24 P	1,1-Dichloroethane	50.000	50.646	-1.3	79	0.00
25 T	2-Butanone	250.000	254.944	-2.0	81	0.00
26 T	2,2-Dichloropropane	50.000	47.374	5.3	75	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.593	-1.2	78	0.00
28 T	Bromochloromethane	50.000	53.312	-6.6	76	0.00
29 T	Tetrahydrofuran	250.000	274.196	-9.7	85	0.00
30 C	Chloroform	50.000	52.807	-5.6#	81	0.00
31 T	Cyclohexane	50.000	42.282	15.4	70	0.00
32 T	1,1,1-Trichloroethane	50.000	50.774	-1.5	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	41.974	16.1	67	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35 S	Dibromofluoromethane	50.000	45.205	9.6	70	0.00
36 T	1,1-Dichloropropene	50.000	47.841	4.3	74	0.00
37 T	Ethyl Acetate	50.000	56.385	-12.8	86	0.00
38 T	Carbon Tetrachloride	50.000	50.523	-1.0	78	0.00
39 T	Methylcyclohexane	50.000	45.564	8.9	70	0.00
40 TM	Benzene	50.000	49.636	0.7	77	0.00
41 T	Methacrylonitrile	50.000	60.043	-20.1	102	0.01
42 TM	1,2-Dichloroethane	50.000	52.356	-4.7	80	0.00
43 T	Isopropyl Acetate	50.000	54.191	-8.4	82	0.00
44 TM	Trichloroethene	50.000	49.138	1.7	77	0.00
45 C	1,2-Dichloropropane	50.000	53.298	-6.6#	81	0.00
46 T	Dibromomethane	50.000	53.724	-7.4	83	0.00
47 T	Bromodichloromethane	50.000	54.721	-9.4	83	0.00
48 T	Methyl methacrylate	50.000	54.602	-9.2	81	0.00

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

49 T	1,4-Dioxane	1000.000	1141.214	-14.1	87	0.00
50 S	Toluene-d8	50.000	40.718	18.6	63	0.00
51 T	4-Methyl-2-Pentanone	250.000	288.403	-15.4	87	0.00
52 CM	Toluene	50.000	51.403	-2.8#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	52.930	-5.9	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.861	-5.7	80	0.00
55 T	1,1,2-Trichloroethane	50.000	55.483	-11.0	85	0.00
56 T	Ethyl methacrylate	50.000	56.370	-12.7	82	0.00
57 T	1,3-Dichloropropane	50.000	53.910	-7.8	82	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.257	-6.1	78	0.00
59 T	2-Hexanone	250.000	290.756	-16.3	86	0.00
60 T	Dibromochloromethane	50.000	55.789	-11.6	85	0.00
61 T	1,2-Dibromoethane	50.000	53.755	-7.5	83	0.00
62 S	4-Bromofluorobenzene	50.000	44.309	11.4	69	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64 T	Tetrachloroethene	50.000	49.588	0.8	79	0.00
65 PM	Chlorobenzene	50.000	50.322	-0.6	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.020	-6.0	84	0.00
67 C	Ethyl Benzene	50.000	50.424	-0.8#	79	0.00
68 T	m/p-Xylenes	100.000	101.030	-1.0	79	0.00
69 T	o-Xylene	50.000	51.151	-2.3	79	0.00
70 T	Styrene	50.000	52.915	-5.8	81	0.00
71 P	Bromoform	50.000	54.768	-9.5	86	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	48.756	2.5	80	0.00
74 T	N-amyl acetate	50.000	51.048	-2.1	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.557	-3.1	88	0.00
76 T	1,2,3-Trichloropropane	50.000	56.535	-13.1	96	0.00
77 T	Bromobenzene	50.000	48.963	2.1	82	0.00
78 T	n-propylbenzene	50.000	48.599	2.8	80	0.00
79 T	2-Chlorotoluene	50.000	49.398	1.2	82	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.188	1.6	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.758	-3.5	84	0.00
82 T	4-Chlorotoluene	50.000	48.505	3.0	81	0.00
83 T	tert-Butylbenzene	50.000	49.293	1.4	80	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.989	0.0	82	0.00
85 T	sec-Butylbenzene	50.000	49.654	0.7	81	0.00
86 T	p-Isopropyltoluene	50.000	49.659	0.7	81	0.00
87 T	1,3-Dichlorobenzene	50.000	49.385	1.2	83	0.00
88 T	1,4-Dichlorobenzene	50.000	49.056	1.9	82	0.00
89 T	n-Butylbenzene	50.000	50.331	-0.7	81	0.00
90 T	Hexachloroethane	50.000	50.425	-0.8	84	0.00
91 T	1,2-Dichlorobenzene	50.000	50.370	-0.7	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.853	-3.7	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.066	-2.1	84	0.00
94 T	Hexachlorobutadiene	50.000	50.979	-2.0	85	0.00
95 T	Naphthalene	50.000	54.985	-10.0	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.092	-6.2	87	0.00

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