

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015481.D
 Acq On : 11 Sep 2023 10:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 12 01:14:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 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	113	0.00
2 T	Dichlorodifluoromethane	50.000	47.415	5.2	102	0.00
3 P	Chloromethane	50.000	47.076	5.8	99	0.00
4 C	Vinyl Chloride	50.000	47.226	5.5#	101	0.00
5 T	Bromomethane	50.000	50.592	-1.2	109	0.00
6 T	Chloroethane	50.000	49.167	1.7	106	0.00
7 T	Trichlorofluoromethane	50.000	49.268	1.5	107	0.00
8 T	Diethyl Ether	50.000	51.035	-2.1	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.901	0.2	107	0.00
10 T	Methyl Iodide	50.000	52.586	-5.2	106	0.00
11 T	Tert butyl alcohol	250.000	210.270	15.9	96	0.00
12 CM	1,1-Dichloroethene	50.000	49.523	1.0#	107	0.00
13 T	Acrolein	250.000	230.099	8.0	88	0.00
14 T	Allyl chloride	50.000	51.062	-2.1	107	0.00
15 T	Acrylonitrile	250.000	265.202	-6.1	107	0.00
16 T	Acetone	250.000	288.080	-15.2	105	0.00
17 T	Carbon Disulfide	50.000	44.888	10.2	96	0.00
18 T	Methyl Acetate	50.000	52.751	-5.5	106	0.00
19 T	Methyl tert-butyl Ether	50.000	52.895	-5.8	109	0.00
20 T	Methylene Chloride	50.000	39.130	21.7	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.469	1.1	106	0.00
22 T	Diisopropyl ether	50.000	52.153	-4.3	111	0.00
23 T	Vinyl Acetate	250.000	266.687	-6.7	110	0.00
24 P	1,1-Dichloroethane	50.000	51.152	-2.3	112	0.00
25 T	2-Butanone	250.000	273.955	-9.6	105	0.00
26 T	2,2-Dichloropropane	50.000	55.143	-10.3	120	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.371	-2.7	109	0.00
28 T	Bromochloromethane	50.000	42.067	15.9	94	0.00
29 T	Tetrahydrofuran	250.000	264.759	-5.9	105	0.00
30 C	Chloroform	50.000	52.253	-4.5#	113	0.00
31 T	Cyclohexane	50.000	45.164	9.7	102	0.00
32 T	1,1,1-Trichloroethane	50.000	52.139	-4.3	112	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.800	14.4	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35 S	Dibromofluoromethane	50.000	45.261	9.5	99	0.00
36 T	1,1-Dichloropropene	50.000	49.081	1.8	107	0.00
37 T	Ethyl Acetate	50.000	52.588	-5.2	106	0.00
38 T	Carbon Tetrachloride	50.000	52.468	-4.9	113	0.00
39 T	Methylcyclohexane	50.000	46.406	7.2	100	0.00
40 TM	Benzene	50.000	50.861	-1.7	109	0.00
41 T	Methacrylonitrile	50.000	52.388	-4.8	105	0.00
42 TM	1,2-Dichloroethane	50.000	50.695	-1.4	107	0.00
43 T	Isopropyl Acetate	50.000	54.025	-8.0	109	0.00
44 TM	Trichloroethene	50.000	51.763	-3.5	112	0.00
45 C	1,2-Dichloropropane	50.000	50.675	-1.3#	108	0.00
46 T	Dibromomethane	50.000	51.116	-2.2	108	0.00
47 T	Bromodichloromethane	50.000	53.852	-7.7	114	0.00
48 T	Methyl methacrylate	50.000	51.607	-3.2	103	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

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

49 T	1,4-Dioxane	1000.000	1065.604	-6.6	108	0.00
50 S	Toluene-d8	50.000	42.618	14.8	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	273.716	-9.5	108	0.00
52 CM	Toluene	50.000	51.457	-2.9#	109	0.00
53 T	t-1,3-Dichloropropene	50.000	55.386	-10.8	114	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.972	-7.9	113	0.00
55 T	1,1,2-Trichloroethane	50.000	53.767	-7.5	113	0.00
56 T	Ethyl methacrylate	50.000	55.699	-11.4	112	0.00
57 T	1,3-Dichloropropane	50.000	52.828	-5.7	111	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	222.799	10.9	97	0.00
59 T	2-Hexanone	250.000	283.740	-13.5	109	0.00
60 T	Dibromochloromethane	50.000	54.670	-9.3	114	0.00
61 T	1,2-Dibromoethane	50.000	53.063	-6.1	110	0.00
62 S	4-Bromofluorobenzene	50.000	43.860	12.3	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	53.044	-6.1	110	0.00
65 PM	Chlorobenzene	50.000	53.238	-6.5	112	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.846	-11.7	117	0.00
67 C	Ethyl Benzene	50.000	53.016	-6.0#	112	0.00
68 T	m/p-Xylenes	100.000	105.626	-5.6	111	0.00
69 T	o-Xylene	50.000	53.480	-7.0	112	0.00
70 T	Styrene	50.000	54.751	-9.5	112	0.00
71 P	Bromoform	50.000	59.662	-19.3	116	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73 T	Isopropylbenzene	50.000	52.543	-5.1	111	0.00
74 T	N-ethyl acetate	50.000	56.626	-13.3	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.925	-9.8	112	0.00
76 T	1,2,3-Trichloropropane	50.000	57.104	-14.2	114	0.00
77 T	Bromobenzene	50.000	54.016	-8.0	114	0.00
78 T	n-propylbenzene	50.000	52.550	-5.1	109	0.00
79 T	2-Chlorotoluene	50.000	52.109	-4.2	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.587	-5.2	110	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.906	-17.8	118	0.00
82 T	4-Chlorotoluene	50.000	53.114	-6.2	111	0.00
83 T	tert-Butylbenzene	50.000	52.465	-4.9	109	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.630	-5.3	109	0.00
85 T	sec-Butylbenzene	50.000	51.984	-4.0	109	0.00
86 T	p-Isopropyltoluene	50.000	52.280	-4.6	108	0.00
87 T	1,3-Dichlorobenzene	50.000	53.365	-6.7	112	0.00
88 T	1,4-Dichlorobenzene	50.000	53.140	-6.3	112	0.00
89 T	n-Butylbenzene	50.000	51.463	-2.9	107	0.00
90 T	Hexachloroethane	50.000	54.109	-8.2	113	0.00
91 T	1,2-Dichlorobenzene	50.000	53.245	-6.5	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.846	-15.7	114	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.964	-7.9	110	0.00
94 T	Hexachlorobutadiene	50.000	49.725	0.5	107	0.00
95 T	Naphthalene	50.000	57.532	-15.1	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.689	-9.4	113	0.00

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