

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016774.D
 Acq On : 21 Dec 2023 22:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 22 00:47:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 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	76	0.01
2 T	Dichlorodifluoromethane	50.000	45.431	9.1	84	0.00
3 P	Chloromethane	50.000	54.673	-9.3	100	0.00
4 C	Vinyl Chloride	50.000	53.170	-6.3#	92	0.00
5 T	Bromomethane	50.000	56.197	-12.4	104	0.01
6 T	Chloroethane	50.000	55.042	-10.1	98	0.00
7 T	Trichlorofluoromethane	50.000	50.240	-0.5	88	0.01
8 T	Diethyl Ether	50.000	57.452	-14.9	97	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.507	-1.0	88	0.02
10 T	Methyl Iodide	50.000	51.275	-2.5	84	0.02
11 T	Tert butyl alcohol	250.000	282.184	-12.9	98	0.02
12 CM	1,1-Dichloroethene	50.000	53.680	-7.4#	91	0.02
13 T	Acrolein	250.000	292.899	-17.2	84	0.01
14 T	Allyl chloride	50.000	58.635	-17.3	98	0.02
15 T	Acrylonitrile	250.000	321.145	-28.5#	102	0.02
16 T	Acetone	250.000	257.867	-3.1	98	0.01
17 T	Carbon Disulfide	50.000	56.648	-13.3	93	0.02
18 T	Methyl Acetate	50.000	70.517	-41.0#	103	0.01
19 T	Methyl tert-butyl Ether	50.000	59.970	-19.9	99	0.02
20 T	Methylene Chloride	50.000	52.674	-5.3	93	0.02
21 T	trans-1,2-Dichloroethene	50.000	57.765	-15.5	97	0.02
22 T	Diisopropyl ether	50.000	61.464	-22.9	102	0.02
23 T	Vinyl Acetate	250.000	281.154	-12.5	93	0.02
24 P	1,1-Dichloroethane	50.000	57.710	-15.4	97	0.02
25 T	2-Butanone	250.000	280.742	-12.3	100	0.02
26 T	2,2-Dichloropropane	50.000	51.729	-3.5	90	0.02
27 T	cis-1,2-Dichloroethene	50.000	58.024	-16.0	97	0.01
28 T	Bromochloromethane	50.000	61.941	-23.9	85	0.01
29 T	Tetrahydrofuran	250.000	331.625	-32.6#	103	0.02
30 C	Chloroform	50.000	58.467	-16.9#	100	0.01
31 T	Cyclohexane	50.000	49.862	0.3	88	0.01
32 T	1,1,1-Trichloroethane	50.000	54.193	-8.4	93	0.01
33 S	1,2-Dichloroethane-d4	50.000	64.002	-28.0#	85	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.01
35 S	Dibromofluoromethane	50.000	59.062	-18.1	84	0.02
36 T	1,1-Dichloropropene	50.000	52.481	-5.0	95	0.02
37 T	Ethyl Acetate	50.000	57.116	-14.2	97	0.01
38 T	Carbon Tetrachloride	50.000	50.149	-0.3	92	0.01
39 T	Methylcyclohexane	50.000	50.123	-0.2	88	0.02
40 TM	Benzene	50.000	54.812	-9.6	99	0.01
41 T	Methacrylonitrile	50.000	61.770	-23.5	96	0.02
42 TM	1,2-Dichloroethane	50.000	57.047	-14.1	100	0.01
43 T	Isopropyl Acetate	50.000	58.594	-17.2	103	0.01
44 TM	Trichloroethene	50.000	52.511	-5.0	95	0.02
45 C	1,2-Dichloropropane	50.000	55.751	-11.5#	101	0.01
46 T	Dibromomethane	50.000	57.124	-14.2	102	0.01
47 T	Bromodichloromethane	50.000	55.927	-11.9	101	0.01
48 T	Methyl methacrylate	50.000	59.438	-18.9	101	0.01

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

49 T	1,4-Dioxane	1000.000	1157.129	-15.7	99	0.01
50 S	Toluene-d8	50.000	59.076	-18.2	83	0.01
51 T	4-Methyl-2-Pentanone	250.000	307.097	-22.8	104	0.00
52 CM	Toluene	50.000	56.093	-12.2#	99	0.01
53 T	t-1,3-Dichloropropene	50.000	56.319	-12.6	98	0.01
54 T	cis-1,3-Dichloropropene	50.000	55.430	-10.9	98	0.00
55 T	1,1,2-Trichloroethane	50.000	56.340	-12.7	101	0.01
56 T	Ethyl methacrylate	50.000	61.013	-22.0	102	0.00
57 T	1,3-Dichloropropane	50.000	56.982	-14.0	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	309.589	-23.8	74	0.01
59 T	2-Hexanone	250.000	280.097	-12.0	101	0.00
60 T	Dibromochloromethane	50.000	56.800	-13.6	102	0.00
61 T	1,2-Dibromoethane	50.000	57.547	-15.1	101	0.01
62 S	4-Bromofluorobenzene	50.000	58.190	-16.4	82	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	52.562	-5.1	99	0.01
65 PM	Chlorobenzene	50.000	53.644	-7.3	100	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	52.747	-5.5	98	0.01
67 C	Ethyl Benzene	50.000	53.647	-7.3#	99	0.01
68 T	m/p-Xylenes	100.000	107.973	-8.0	98	0.01
69 T	o-Xylene	50.000	54.459	-8.9	98	0.01
70 T	Styrene	50.000	55.352	-10.7	99	0.01
71 P	Bromoform	50.000	56.047	-12.1	102	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	53.468	-6.9	97	0.01
74 T	N-amyl acetate	50.000	57.430	-14.9	103	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.831	-11.7	103	0.00
76 T	1,2,3-Trichloropropane	50.000	53.310	-6.6	111	0.00
77 T	Bromobenzene	50.000	52.828	-5.7	98	0.01
78 T	n-propylbenzene	50.000	53.017	-6.0	96	0.01
79 T	2-Chlorotoluene	50.000	53.317	-6.6	98	0.01
80 T	1,3,5-Trimethylbenzene	50.000	54.158	-8.3	97	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	53.867	-7.7	99	0.01
82 T	4-Chlorotoluene	50.000	53.780	-7.6	99	0.01
83 T	tert-Butylbenzene	50.000	53.216	-6.4	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.949	-9.9	98	0.00
85 T	sec-Butylbenzene	50.000	52.653	-5.3	96	0.00
86 T	p-Isopropyltoluene	50.000	53.035	-6.1	96	0.00
87 T	1,3-Dichlorobenzene	50.000	52.240	-4.5	98	0.01
88 T	1,4-Dichlorobenzene	50.000	52.079	-4.2	97	0.01
89 T	n-Butylbenzene	50.000	52.588	-5.2	94	0.01
90 T	Hexachloroethane	50.000	52.373	-4.7	100	0.00
91 T	1,2-Dichlorobenzene	50.000	53.804	-7.6	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.649	-9.3	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.181	-4.4	93	0.00
94 T	Hexachlorobutadiene	50.000	49.527	0.9	90	0.00
95 T	Naphthalene	50.000	49.343	1.3	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.953	-5.9	93	0.00

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