

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019209.D
 Acq On : 22 Aug 2024 08:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 22 09:19:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	52.097	-4.2	88	0.00
3 P	Chloromethane	50.000	50.521	-1.0	90	0.00
4 C	Vinyl Chloride	50.000	48.703	2.6#	86	0.00
5 T	Bromomethane	50.000	55.251	-10.5	89	0.00
6 T	Chloroethane	50.000	49.358	1.3	87	0.00
7 T	Trichlorofluoromethane	50.000	45.591	8.8	81	0.00
8 T	Diethyl Ether	50.000	56.436	-12.9	102	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.500	-5.0	95	0.01
10 T	Methyl Iodide	50.000	63.250	-26.5#	99	0.00
11 T	Tert butyl alcohol	250.000	322.080	-28.8#	108	0.00
12 CM	1,1-Dichloroethene	50.000	55.805	-11.6#	100	0.00
13 T	Acrolein	250.000	106.231	57.5#	41	0.00
14 T	Allyl chloride	50.000	61.578	-23.2	107	0.01
15 T	Acrylonitrile	250.000	318.708	-27.5#	107	0.00
16 T	Acetone	250.000	285.207	-14.1	95	0.00
17 T	Carbon Disulfide	50.000	57.673	-15.3	101	0.00
18 T	Methyl Acetate	50.000	65.997	-32.0#	117	0.00
19 T	Methyl tert-butyl Ether	50.000	62.480	-25.0	106	0.00
20 T	Methylene Chloride	50.000	62.771	-25.5#	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	59.278	-18.6	102	0.00
22 T	Diisopropyl ether	50.000	65.257	-30.5#	113	0.01
23 T	Vinyl Acetate	250.000	282.012	-12.8	95	0.00
24 P	1,1-Dichloroethane	50.000	61.324	-22.6	110	0.00
25 T	2-Butanone	250.000	305.553	-22.2	103	0.00
26 T	2,2-Dichloropropane	50.000	51.862	-3.7	92	0.01
27 T	cis-1,2-Dichloroethene	50.000	60.835	-21.7	106	0.00
28 T	Bromochloromethane	50.000	57.289	-14.6	107	0.01
29 T	Tetrahydrofuran	250.000	330.491	-32.2#	114	0.00
30 C	Chloroform	50.000	57.836	-15.7#	100	0.00
31 T	Cyclohexane	50.000	53.575	-7.2	90	0.00
32 T	1,1,1-Trichloroethane	50.000	54.450	-8.9	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	57.046	-14.1	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	51.142	-2.3	96	0.00
36 T	1,1-Dichloropropene	50.000	50.531	-1.1	96	0.00
37 T	Ethyl Acetate	50.000	65.561	-31.1#	112	0.00
38 T	Carbon Tetrachloride	50.000	51.545	-3.1	93	0.00
39 T	Methylcyclohexane	50.000	53.873	-7.7	100	0.00
40 TM	Benzene	50.000	54.780	-9.6	101	0.00
41 T	Methacrylonitrile	50.000	67.500	-35.0#	115	-0.02
42 TM	1,2-Dichloroethane	50.000	56.244	-12.5	102	0.00
43 T	Isopropyl Acetate	50.000	54.936	-9.9	99	0.00
44 TM	Trichloroethene	50.000	55.439	-10.9	105	0.00
45 C	1,2-Dichloropropane	50.000	57.911	-15.8#	108	0.00
46 T	Dibromomethane	50.000	58.343	-16.7	104	0.00
47 T	Bromodichloromethane	50.000	60.751	-21.5	112	0.00
48 T	Methyl methacrylate	50.000	63.964	-27.9#	113	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	1146.917	-14.7	105	0.00
50 S	Toluene-d8	50.000	58.142	-16.3	113	0.00
51 T	4-Methyl-2-Pentanone	250.000	317.448	-27.0#	110	0.00
52 CM	Toluene	50.000	60.533	-21.1#	113	0.00
53 T	t-1,3-Dichloropropene	50.000	58.790	-17.6	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.267	-14.5	101	0.00
55 T	1,1,2-Trichloroethane	50.000	59.163	-18.3	108	0.00
56 T	Ethyl methacrylate	50.000	61.729	-23.5	108	0.00
57 T	1,3-Dichloropropane	50.000	59.434	-18.9	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	285.643	-14.3	105	0.00
59 T	2-Hexanone	250.000	313.542	-25.4#	109	0.00
60 T	Dibromochloromethane	50.000	60.284	-20.6	109	0.00
61 T	1,2-Dibromoethane	50.000	58.311	-16.6	104	0.00
62 S	4-Bromofluorobenzene	50.000	56.689	-13.4	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	55.715	-11.4	121	0.00
65 PM	Chlorobenzene	50.000	51.791	-3.6	109	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.675	-5.3	110	0.00
67 C	Ethyl Benzene	50.000	52.136	-4.3#	109	0.00
68 T	m/p-Xylenes	100.000	103.651	-3.7	107	0.00
69 T	o-Xylene	50.000	53.300	-6.6	107	0.00
70 T	Styrene	50.000	53.620	-7.2	108	0.00
71 P	Bromoform	50.000	52.686	-5.4	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	53.354	-6.7	107	0.00
74 T	N-amyl acetate	50.000	52.826	-5.7	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.629	-1.3	101	0.00
76 T	1,2,3-Trichloropropane	50.000	55.816	-11.6	117	0.00
77 T	Bromobenzene	50.000	52.123	-4.2	106	0.00
78 T	n-propylbenzene	50.000	51.692	-3.4	103	0.00
79 T	2-Chlorotoluene	50.000	53.016	-6.0	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.946	-5.9	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.672	4.7	93	0.00
82 T	4-Chlorotoluene	50.000	51.697	-3.4	104	0.00
83 T	tert-Butylbenzene	50.000	51.084	-2.2	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.972	-3.9	103	0.00
85 T	sec-Butylbenzene	50.000	50.788	-1.6	102	0.00
86 T	p-Isopropyltoluene	50.000	51.366	-2.7	101	0.00
87 T	1,3-Dichlorobenzene	50.000	50.160	-0.3	101	0.00
88 T	1,4-Dichlorobenzene	50.000	49.460	1.1	100	0.00
89 T	n-Butylbenzene	50.000	48.355	3.3	94	0.00
90 T	Hexachloroethane	50.000	45.973	8.1	90	0.00
91 T	1,2-Dichlorobenzene	50.000	49.729	0.5	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.287	11.4	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	39.941	20.1	77	0.00
94 T	Hexachlorobutadiene	50.000	42.550	14.9	81	0.00
95 T	Naphthalene	50.000	41.862	16.3	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	40.979	18.0	77	0.00

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