

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020749.D
 Acq On : 27 Dec 2024 19:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 28 03:07:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 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	137	-0.01
2 T	Dichlorodifluoromethane	50.000	48.456	3.1	129	0.00
3 P	Chloromethane	50.000	61.080	-22.2	156	0.00
4 C	Vinyl Chloride	50.000	53.957	-7.9#	140	0.00
5 T	Bromomethane	50.000	54.713	-9.4	146	-0.01
6 T	Chloroethane	50.000	54.686	-9.4	145	-0.01
7 T	Trichlorofluoromethane	50.000	46.920	6.2	126	-0.02
8 T	Diethyl Ether	50.000	62.648	-25.3#	160	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.989	-6.0	142	-0.01
10 T	Methyl Iodide	50.000	56.001	-12.0	142	-0.01
11 T	Tert butyl alcohol	250.000	324.830	-29.9#	159	-0.01
12 CM	1,1-Dichloroethene	50.000	53.933	-7.9#	143	-0.01
13 T	Acrolein	250.000	209.833	16.1	155	-0.01
14 T	Allyl chloride	50.000	61.917	-23.8	164	-0.02
15 T	Acrylonitrile	250.000	338.675	-35.5#	168	-0.02
16 T	Acetone	250.000	292.466	-17.0	153	-0.01
17 T	Carbon Disulfide	50.000	57.570	-15.1	146	-0.01
18 T	Methyl Acetate	50.000	77.296	-54.6#	187	-0.02
19 T	Methyl tert-butyl Ether	50.000	58.592	-17.2	150	-0.01
20 T	Methylene Chloride	50.000	59.657	-19.3	161	-0.01
21 T	trans-1,2-Dichloroethene	50.000	56.696	-13.4	146	-0.01
22 T	Diisopropyl ether	50.000	65.126	-30.3#	169	-0.01
23 T	Vinyl Acetate	250.000	321.771	-28.7#	159	-0.01
24 P	1,1-Dichloroethane	50.000	58.038	-16.1	156	-0.02
25 T	2-Butanone	250.000	345.457	-38.2#	167	-0.01
26 T	2,2-Dichloropropane	50.000	48.678	2.6	132	-0.01
27 T	cis-1,2-Dichloroethene	50.000	57.007	-14.0	149	-0.01
28 T	Bromochloromethane	50.000	68.201	-36.4#	156	-0.01
29 T	Tetrahydrofuran	250.000	360.771	-44.3#	174	0.00
30 C	Chloroform	50.000	54.055	-8.1#	147	0.00
31 T	Cyclohexane	50.000	53.129	-6.3	150	-0.02
32 T	1,1,1-Trichloroethane	50.000	50.414	-0.8	135	-0.01
33 S	1,2-Dichloroethane-d4	50.000	65.512	-31.0#	142	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	144	-0.01
35 S	Dibromofluoromethane	50.000	60.637	-21.3	151	-0.01
36 T	1,1-Dichloropropene	50.000	50.796	-1.6	142	-0.01
37 T	Ethyl Acetate	50.000	64.593	-29.2#	167	0.00
38 T	Carbon Tetrachloride	50.000	46.359	7.3	131	-0.01
39 T	Methylcyclohexane	50.000	52.058	-4.1	144	-0.01
40 TM	Benzene	50.000	54.462	-8.9	152	0.00
41 T	Methacrylonitrile	50.000	58.425	-16.8	183	0.00
42 TM	1,2-Dichloroethane	50.000	52.598	-5.2	141	-0.01
43 T	Isopropyl Acetate	50.000	62.137	-24.3	159	0.00
44 TM	Trichloroethene	50.000	51.071	-2.1	143	-0.01
45 C	1,2-Dichloropropane	50.000	59.302	-18.6#	162	0.00
46 T	Dibromomethane	50.000	55.951	-11.9	149	-0.01
47 T	Bromodichloromethane	50.000	52.432	-4.9	146	0.00
48 T	Methyl methacrylate	50.000	61.946	-23.9	163	-0.01

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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	1344.883	-34.5#	162	-0.01
50 S	Toluene-d8	50.000	58.070	-16.1	150	0.00
51 T	4-Methyl-2-Pentanone	250.000	323.038	-29.2#	164	0.00
52 CM	Toluene	50.000	53.005	-6.0#	148	-0.01
53 T	t-1,3-Dichloropropene	50.000	55.057	-10.1	145	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.769	-11.5	151	0.00
55 T	1,1,2-Trichloroethane	50.000	57.546	-15.1	157	0.00
56 T	Ethyl methacrylate	50.000	61.150	-22.3	157	0.00
57 T	1,3-Dichloropropane	50.000	58.995	-18.0	156	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	318.139	-27.3#	156	0.00
59 T	2-Hexanone	250.000	331.562	-32.6#	162	0.00
60 T	Dibromochloromethane	50.000	54.170	-8.3	151	0.00
61 T	1,2-Dibromoethane	50.000	57.377	-14.8	154	0.00
62 S	4-Bromofluorobenzene	50.000	61.675	-23.3	153	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	147	0.00
64 T	Tetrachloroethene	50.000	48.570	2.9	139	0.00
65 PM	Chlorobenzene	50.000	51.218	-2.4	148	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.582	-1.2	145	0.00
67 C	Ethyl Benzene	50.000	51.110	-2.2#	145	0.00
68 T	m/p-Xylenes	100.000	101.311	-1.3	144	0.00
69 T	o-Xylene	50.000	51.177	-2.4	145	0.00
70 T	Styrene	50.000	52.609	-5.2	149	0.00
71 P	Bromoform	50.000	53.603	-7.2	143	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	151	0.00
73 T	Isopropylbenzene	50.000	47.377	5.2	143	0.00
74 T	N-amyl acetate	50.000	59.896	-19.8	163	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.296	-14.6	162	0.00
76 T	1,2,3-Trichloropropane	50.000	52.780	-5.6	169	0.00
77 T	Bromobenzene	50.000	49.490	1.0	146	0.00
78 T	n-propylbenzene	50.000	48.626	2.7	146	0.00
79 T	2-Chlorotoluene	50.000	49.130	1.7	145	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.837	4.3	141	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.611	-13.2	157	0.00
82 T	4-Chlorotoluene	50.000	49.108	1.8	145	0.00
83 T	tert-Butylbenzene	50.000	47.027	5.9	140	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.003	2.0	144	0.00
85 T	sec-Butylbenzene	50.000	48.282	3.4	144	0.00
86 T	p-Isopropyltoluene	50.000	47.933	4.1	142	0.00
87 T	1,3-Dichlorobenzene	50.000	48.722	2.6	145	0.00
88 T	1,4-Dichlorobenzene	50.000	49.392	1.2	147	0.00
89 T	n-Butylbenzene	50.000	49.087	1.8	145	0.00
90 T	Hexachloroethane	50.000	47.540	4.9	144	0.00
91 T	1,2-Dichlorobenzene	50.000	50.335	-0.7	144	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.471	-2.9	137	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.910	-1.8	145	0.00
94 T	Hexachlorobutadiene	50.000	47.221	5.6	142	0.00
95 T	Naphthalene	50.000	54.711	-9.4	147	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.825	-3.7	143	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6