

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101922\
 Data File : VY011011.D
 Acq On : 19 Oct 2022 15:42
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 20 05:14:47 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	49.604	0.8	99	0.00
3 P	Chloromethane	50.000	50.781	-1.6	104	0.00
4 C	Vinyl Chloride	50.000	53.865	-7.7#	106	0.00
5 T	Bromomethane	50.000	53.737	-7.5	114	0.00
6 T	Chloroethane	50.000	55.552	-11.1	111	0.00
7 T	Trichlorofluoromethane	50.000	54.461	-8.9	108	0.00
8 T	Diethyl Ether	50.000	54.120	-8.2	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.780	-7.6	106	0.00
10 T	Methyl Iodide	50.000	57.615	-15.2	107	0.00
11 T	Tert butyl alcohol	250.000	300.099	-20.0	120	-0.01
12 CM	1,1-Dichloroethene	50.000	52.812	-5.6#	104	0.00
13 T	Acrolein	250.000	223.377	10.6	87	0.00
14 T	Allyl chloride	50.000	53.400	-6.8	103	0.00
15 T	Acrylonitrile	250.000	268.922	-7.6	104	0.00
16 T	Acetone	250.000	292.775	-17.1	115	0.00
17 T	Carbon Disulfide	50.000	47.931	4.1	97	0.00
18 T	Methyl Acetate	50.000	51.668	-3.3	102	0.00
19 T	Methyl tert-butyl Ether	50.000	56.913	-13.8	108	0.00
20 T	Methylene Chloride	50.000	60.247	-20.5	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.645	-7.3	105	0.00
22 T	Diisopropyl ether	50.000	56.377	-12.8	106	0.00
23 T	Vinyl Acetate	250.000	291.763	-16.7	106	0.00
24 P	1,1-Dichloroethane	50.000	55.550	-11.1	108	0.00
25 T	2-Butanone	250.000	272.060	-8.8	107	0.00
26 T	2,2-Dichloropropane	50.000	56.340	-12.7	111	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.681	-13.4	109	0.00
28 T	Bromochloromethane	50.000	54.428	-8.9	97	0.00
29 T	Tetrahydrofuran	250.000	265.351	-6.1	102	0.00
30 C	Chloroform	50.000	56.528	-13.1#	108	0.00
31 T	Cyclohexane	50.000	49.610	0.8	102	0.00
32 T	1,1,1-Trichloroethane	50.000	56.096	-12.2	109	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.497	1.0	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	52.666	-5.3	100	0.00
36 T	1,1-Dichloropropene	50.000	54.696	-9.4	106	0.00
37 T	Ethyl Acetate	50.000	54.667	-9.3	104	0.00
38 T	Carbon Tetrachloride	50.000	55.547	-11.1	107	0.00
39 T	Methylcyclohexane	50.000	54.363	-8.7	105	0.00
40 TM	Benzene	50.000	54.977	-10.0	106	0.00
41 T	Methacrylonitrile	50.000	57.796	-15.6	122	0.00
42 TM	1,2-Dichloroethane	50.000	56.780	-13.6	109	0.00
43 T	Isopropyl Acetate	50.000	56.620	-13.2	107	0.00
44 TM	Trichloroethene	50.000	55.109	-10.2	107	0.00
45 C	1,2-Dichloropropane	50.000	55.219	-10.4#	105	0.00
46 T	Dibromomethane	50.000	56.738	-13.5	109	0.00
47 T	Bromodichloromethane	50.000	57.878	-15.8	109	0.00
48 T	Methyl methacrylate	50.000	56.896	-13.8	105	0.00

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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)

49 T	1,4-Dioxane	1000.000	1099.358	-9.9	104	0.00
50 S	Toluene-d8	50.000	49.206	1.6	95	0.00
51 T	4-Methyl-2-Pentanone	250.000	278.227	-11.3	104	0.00
52 CM	Toluene	50.000	56.880	-13.8#	108	0.00
53 T	t-1,3-Dichloropropene	50.000	57.179	-14.4	108	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.354	-14.7	108	0.00
55 T	1,1,2-Trichloroethane	50.000	56.754	-13.5	108	0.00
56 T	Ethyl methacrylate	50.000	58.218	-16.4	106	0.00
57 T	1,3-Dichloropropane	50.000	56.417	-12.8	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	282.192	-12.9	103	0.00
59 T	2-Hexanone	250.000	285.931	-14.4	105	0.00
60 T	Dibromochloromethane	50.000	58.016	-16.0	110	0.00
61 T	1,2-Dibromoethane	50.000	56.077	-12.2	108	0.00
62 S	4-Bromofluorobenzene	50.000	51.235	-2.5	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	55.413	-10.8	107	0.00
65 PM	Chlorobenzene	50.000	56.251	-12.5	108	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.806	-13.6	109	0.00
67 C	Ethyl Benzene	50.000	56.814	-13.6#	108	0.00
68 T	m/p-Xylenes	100.000	113.937	-13.9	108	0.00
69 T	o-Xylene	50.000	57.727	-15.5	108	0.00
70 T	Styrene	50.000	57.880	-15.8	108	0.00
71 P	Bromoform	50.000	57.461	-14.9	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	57.312	-14.6	108	0.00
74 T	N-ethyl acetate	50.000	56.328	-12.7	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.748	-9.5	107	0.00
76 T	1,2,3-Trichloropropane	50.000	58.109	-16.2	113	0.00
77 T	Bromobenzene	50.000	56.710	-13.4	109	0.00
78 T	n-propylbenzene	50.000	57.134	-14.3	107	0.00
79 T	2-Chlorotoluene	50.000	56.739	-13.5	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.456	-14.9	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.540	-13.1	105	0.00
82 T	4-Chlorotoluene	50.000	56.806	-13.6	108	0.00
83 T	tert-Butylbenzene	50.000	57.482	-15.0	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.901	-15.8	108	0.00
85 T	sec-Butylbenzene	50.000	57.511	-15.0	107	0.00
86 T	p-Isopropyltoluene	50.000	57.467	-14.9	107	0.00
87 T	1,3-Dichlorobenzene	50.000	56.385	-12.8	109	0.00
88 T	1,4-Dichlorobenzene	50.000	55.662	-11.3	107	0.00
89 T	n-Butylbenzene	50.000	57.505	-15.0	106	0.00
90 T	Hexachloroethane	50.000	56.178	-12.4	107	0.00
91 T	1,2-Dichlorobenzene	50.000	56.648	-13.3	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.350	-6.7	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.217	-12.4	106	0.00
94 T	Hexachlorobutadiene	50.000	55.785	-11.6	107	0.00
95 T	Naphthalene	50.000	57.130	-14.3	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.721	-11.4	104	0.00

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