

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003931.D
 Acq On : 14 Jan 2021 19:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 15 01:00:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 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	115	0.00
2 T	Dichlorodifluoromethane	50.000	49.418	1.2	133	0.00
3 P	Chloromethane	50.000	66.020	-32.0#	155	0.00
4 C	Vinyl Chloride	50.000	59.766	-19.5#	156	0.00
5 T	Bromomethane	50.000	56.310	-12.6	155	0.01
6 T	Chloroethane	50.000	64.273	-28.5#	161	0.00
7 T	Trichlorofluoromethane	50.000	53.043	-6.1	130	0.00
8 T	Diethyl Ether	50.000	60.074	-20.1	142	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	56.460	-12.9	133	0.00
10 T	Methyl Iodide	50.000	55.547	-11.1	120	0.00
11 T	Tert butyl alcohol	250.000	205.928	17.6	107	0.04
12 CM	1,1-Dichloroethene	50.000	58.090	-16.2#	136	0.00
13 T	Acrolein	250.000	242.977	2.8	118	0.00
14 T	Allyl chloride	50.000	58.161	-16.3	140	0.00
15 T	Acrylonitrile	250.000	283.600	-13.4	135	0.01
16 T	Acetone	250.000	232.661	6.9	111	0.02
17 T	Carbon Disulfide	50.000	57.136	-14.3	136	0.00
18 T	Methyl Acetate	50.000	55.596	-11.2	136	0.00
19 T	Methyl tert-butyl Ether	50.000	59.974	-19.9	141	0.00
20 T	Methylene Chloride	50.000	59.216	-18.4	146	0.00
21 T	trans-1,2-Dichloroethene	50.000	58.117	-16.2	135	0.00
22 T	Diisopropyl ether	50.000	62.772	-25.5#	149	0.00
23 T	Vinyl Acetate	250.000	304.968	-22.0	144	0.00
24 P	1,1-Dichloroethane	50.000	61.624	-23.2	146	0.00
25 T	2-Butanone	250.000	255.132	-2.1	124	0.01
26 T	2,2-Dichloropropane	50.000	55.013	-10.0	133	0.00
27 T	cis-1,2-Dichloroethene	50.000	60.411	-20.8	141	0.00
28 T	Bromochloromethane	50.000	63.101	-26.2#	149	0.00
29 T	Tetrahydrofuran	250.000	269.323	-7.7	130	0.00
30 C	Chloroform	50.000	59.793	-19.6#	142	0.00
31 T	Cyclohexane	50.000	55.702	-11.4	137	0.00
32 T	1,1,1-Trichloroethane	50.000	56.041	-12.1	135	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.463	-16.9	141	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	122	0.00
35 S	Dibromofluoromethane	50.000	56.794	-13.6	142	0.00
36 T	1,1-Dichloropropene	50.000	54.899	-9.8	140	0.00
37 T	Ethyl Acetate	50.000	59.781	-19.6	153	0.00
38 T	Carbon Tetrachloride	50.000	49.273	1.5	127	0.00
39 T	Methylcyclohexane	50.000	55.870	-11.7	138	0.00
40 TM	Benzene	50.000	57.573	-15.1	144	0.00
41 T	Methacrylonitrile	50.000	52.216	-4.4	140	0.00
42 TM	1,2-Dichloroethane	50.000	54.621	-9.2	141	0.00
43 T	Isopropyl Acetate	50.000	56.680	-13.4	146	0.00
44 TM	Trichloroethene	50.000	52.959	-5.9	136	0.00
45 C	1,2-Dichloropropane	50.000	59.385	-18.8#	150	0.00
46 T	Dibromomethane	50.000	55.607	-11.2	137	0.00
47 T	Bromodichloromethane	50.000	56.944	-13.9	144	0.00
48 T	Methyl methacrylate	50.000	55.329	-10.7	140	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	981.809	1.8	121	0.02
50 S	Toluene-d8	50.000	55.897	-11.8	139	0.00
51 T	4-Methyl-2-Pentanone	250.000	277.209	-10.9	140	0.00
52 CM	Toluene	50.000	55.548	-11.1#	139	0.00
53 T	t-1,3-Dichloropropene	50.000	56.562	-13.1	141	0.00
54 T	cis-1,3-Dichloropropene	50.000	58.485	-17.0	145	0.00
55 T	1,1,2-Trichloroethane	50.000	57.610	-15.2	143	0.00
56 T	Ethyl methacrylate	50.000	59.261	-18.5	146	0.00
57 T	1,3-Dichloropropane	50.000	57.829	-15.7	147	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	283.096	-13.2	153	0.00
59 T	2-Hexanone	250.000	274.179	-9.7	138	0.00
60 T	Dibromochloromethane	50.000	53.217	-6.4	135	0.00
61 T	1,2-Dibromoethane	50.000	56.573	-13.1	141	0.00
62 S	4-Bromofluorobenzene	50.000	54.505	-9.0	138	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	123	0.00
64 T	Tetrachloroethene	50.000	49.354	1.3	125	0.00
65 PM	Chlorobenzene	50.000	55.304	-10.6	137	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.202	-10.4	137	0.00
67 C	Ethyl Benzene	50.000	56.451	-12.9#	140	0.00
68 T	m/p-Xylenes	100.000	111.163	-11.2	137	0.00
69 T	o-Xylene	50.000	56.135	-12.3	139	0.00
70 T	Styrene	50.000	55.558	-11.1	135	0.00
71 P	Bromoform	50.000	50.900	-1.8	126	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	119	0.00
73 T	Isopropylbenzene	50.000	56.061	-12.1	133	0.00
74 T	N-amyl acetate	50.000	59.853	-19.7	145	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	60.568	-21.1	146	0.00
76 T	1,2,3-Trichloropropane	50.000	53.400	-6.8	130	0.00
77 T	Bromobenzene	50.000	53.296	-6.6	130	0.00
78 T	n-propylbenzene	50.000	57.008	-14.0	135	0.00
79 T	2-Chlorotoluene	50.000	57.211	-14.4	137	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.578	-9.2	130	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.317	-12.6	136	0.00
82 T	4-Chlorotoluene	50.000	56.225	-12.5	136	0.00
83 T	tert-Butylbenzene	50.000	54.535	-9.1	129	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.710	-11.4	131	0.00
85 T	sec-Butylbenzene	50.000	55.693	-11.4	132	0.00
86 T	p-Isopropyltoluene	50.000	53.181	-6.4	126	0.00
87 T	1,3-Dichlorobenzene	50.000	52.023	-4.0	126	0.00
88 T	1,4-Dichlorobenzene	50.000	53.171	-6.3	128	0.00
89 T	n-Butylbenzene	50.000	54.803	-9.6	129	0.00
90 T	Hexachloroethane	50.000	56.051	-12.1	134	0.00
91 T	1,2-Dichlorobenzene	50.000	53.950	-7.9	129	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.811	-3.6	128	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.162	3.7	117	0.00
94 T	Hexachlorobutadiene	50.000	45.194	9.6	109	0.00
95 T	Naphthalene	50.000	52.922	-5.8	125	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.597	4.8	116	0.00

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