

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007800.D
 Acq On : 09 Mar 2022 12:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 10 01:02:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 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	58	0.00
2 T	Dichlorodifluoromethane	50.000	43.585	12.8	51	0.00
3 P	Chloromethane	50.000	45.635	8.7	51	0.00
4 C	Vinyl Chloride	50.000	43.950	12.1#	54	0.00
5 T	Bromomethane	50.000	47.140	5.7	64	0.00
6 T	Chloroethane	50.000	43.986	12.0	56	0.00
7 T	Trichlorofluoromethane	50.000	47.955	4.1	61	0.00
8 T	Diethyl Ether	50.000	47.516	5.0	57	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.332	1.3	60	0.00
10 T	Methyl Iodide	50.000	36.836	26.3#	44	0.00
11 T	Tert butyl alcohol	250.000	217.935	12.8	50	0.00
12 CM	1,1-Dichloroethene	50.000	47.685	4.6#	59	0.00
13 T	Acrolein	250.000	184.212	26.3#	45	0.00
14 T	Allyl chloride	50.000	50.007	-0.0	59	0.01
15 T	Acrylonitrile	250.000	247.150	1.1	57	0.00
16 T	Acetone	250.000	294.896	-18.0	71	0.00
17 T	Carbon Disulfide	50.000	48.554	2.9	56	0.00
18 T	Methyl Acetate	50.000	46.294	7.4	54	0.00
19 T	Methyl tert-butyl Ether	50.000	47.558	4.9	56	0.00
20 T	Methylene Chloride	50.000	54.532	-9.1	62	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.715	4.6	59	0.01
22 T	Diisopropyl ether	50.000	53.007	-6.0	62	0.00
23 T	Vinyl Acetate	250.000	264.571	-5.8	59	0.00
24 P	1,1-Dichloroethane	50.000	49.722	0.6	60	0.00
25 T	2-Butanone	250.000	273.030	-9.2	63	0.00
26 T	2,2-Dichloropropane	50.000	51.051	-2.1	60	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.193	1.6	58	0.00
28 T	Bromochloromethane	50.000	45.842	8.3	54	0.00
29 T	Tetrahydrofuran	250.000	253.547	-1.4	58	0.00
30 C	Chloroform	50.000	51.804	-3.6#	61	0.00
31 T	Cyclohexane	50.000	51.886	-3.8	58	0.00
32 T	1,1,1-Trichloroethane	50.000	51.604	-3.2	61	0.00
33 S	1,2-Dichloroethane-d4	50.000	40.477	19.0	50	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	58	0.00
35 S	Dibromofluoromethane	50.000	40.778	18.4	50	0.00
36 T	1,1-Dichloropropene	50.000	49.969	0.1	60	0.00
37 T	Ethyl Acetate	50.000	48.972	2.1	56	0.00
38 T	Carbon Tetrachloride	50.000	51.472	-2.9	61	0.00
39 T	Methylcyclohexane	50.000	47.821	4.4	57	0.00
40 TM	Benzene	50.000	50.782	-1.6	59	0.00
41 T	Methacrylonitrile	50.000	49.360	1.3	54	0.00
42 TM	1,2-Dichloroethane	50.000	51.210	-2.4	60	0.00
43 T	Isopropyl Acetate	50.000	51.447	-2.9	58	0.00
44 TM	Trichloroethene	50.000	47.949	4.1	57	0.00
45 C	1,2-Dichloropropane	50.000	52.434	-4.9#	62	0.00
46 T	Dibromomethane	50.000	51.148	-2.3	59	0.00
47 T	Bromodichloromethane	50.000	52.946	-5.9	61	0.00
48 T	Methyl methacrylate	50.000	51.564	-3.1	59	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	945.864	5.4	53	0.00
50 S	Toluene-d8	50.000	39.521	21.0	49	0.00
51 T	4-Methyl-2-Pentanone	250.000	262.054	-4.8	58	0.00
52 CM	Toluene	50.000	51.267	-2.5#	60	0.00
53 T	t-1,3-Dichloropropene	50.000	51.041	-2.1	58	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.309	-2.6	59	0.00
55 T	1,1,2-Trichloroethane	50.000	52.224	-4.4	60	0.00
56 T	Ethyl methacrylate	50.000	49.469	1.1	55	0.00
57 T	1,3-Dichloropropane	50.000	51.348	-2.7	59	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	250.946	-0.4	54	0.00
59 T	2-Hexanone	250.000	278.645	-11.5	61	0.00
60 T	Dibromochloromethane	50.000	53.921	-7.8	60	0.00
61 T	1,2-Dibromoethane	50.000	50.395	-0.8	57	0.00
62 S	4-Bromofluorobenzene	50.000	42.489	15.0	51	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	58	0.00
64 T	Tetrachloroethene	50.000	47.547	4.9	57	0.00
65 PM	Chlorobenzene	50.000	50.628	-1.3	59	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.318	-4.6	60	0.00
67 C	Ethyl Benzene	50.000	51.942	-3.9#	61	0.00
68 T	m/p-Xylenes	100.000	105.545	-5.5	61	0.00
69 T	o-Xylene	50.000	52.511	-5.0	61	0.00
70 T	Styrene	50.000	54.571	-9.1	62	0.00
71 P	Bromoform	50.000	50.388	-0.8	57	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	61	0.00
73 T	Isopropylbenzene	50.000	50.515	-1.0	62	0.00
74 T	N-amyl acetate	50.000	48.490	3.0	58	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.173	1.7	60	0.00
76 T	1,2,3-Trichloropropane	50.000	53.847	-7.7	65	0.00
77 T	Bromobenzene	50.000	48.885	2.2	60	0.00
78 T	n-propylbenzene	50.000	51.007	-2.0	63	0.00
79 T	2-Chlorotoluene	50.000	50.668	-1.3	62	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.353	-2.7	62	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.288	5.4	57	0.00
82 T	4-Chlorotoluene	50.000	50.828	-1.7	62	0.00
83 T	tert-Butylbenzene	50.000	50.140	-0.3	61	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.893	-3.8	63	0.00
85 T	sec-Butylbenzene	50.000	52.617	-5.2	64	0.00
86 T	p-Isopropyltoluene	50.000	52.289	-4.6	63	0.00
87 T	1,3-Dichlorobenzene	50.000	51.775	-3.5	64	0.00
88 T	1,4-Dichlorobenzene	50.000	51.318	-2.6	63	0.00
89 T	n-Butylbenzene	50.000	53.008	-6.0	64	0.00
90 T	Hexachloroethane	50.000	51.961	-3.9	64	0.00
91 T	1,2-Dichlorobenzene	50.000	51.213	-2.4	62	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.264	5.5	58	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.240	3.5	58	0.00
94 T	Hexachlorobutadiene	50.000	47.546	4.9	57	0.00
95 T	Naphthalene	50.000	46.353	7.3	55	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.619	6.8	57	0.00

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