

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008601.D
 Acq On : 04 May 2022 10:13
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 05 04:32:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 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	113	0.00
2 T	Dichlorodifluoromethane	50.000	43.688	12.6	110	0.00
3 P	Chloromethane	50.000	44.302	11.4	105	0.00
4 C	Vinyl Chloride	50.000	43.491	13.0#	102	0.00
5 T	Bromomethane	50.000	45.748	8.5	102	0.00
6 T	Chloroethane	50.000	43.792	12.4	102	0.00
7 T	Trichlorofluoromethane	50.000	46.604	6.8	109	0.00
8 T	Diethyl Ether	50.000	46.352	7.3	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.191	3.6	114	0.00
10 T	Methyl Iodide	50.000	48.322	3.4	101	0.00
11 T	Tert butyl alcohol	250.000	212.213	15.1	102	0.01
12 CM	1,1-Dichloroethene	50.000	48.055	3.9#	111	0.00
13 T	Acrolein	250.000	241.300	3.5	113	0.00
14 T	Allyl chloride	50.000	50.394	-0.8	114	0.00
15 T	Acrylonitrile	250.000	230.392	7.8	107	0.00
16 T	Acetone	250.000	239.903	4.0	108	0.00
17 T	Carbon Disulfide	50.000	49.859	0.3	114	0.00
18 T	Methyl Acetate	50.000	44.780	10.4	104	0.00
19 T	Methyl tert-butyl Ether	50.000	45.739	8.5	106	0.00
20 T	Methylene Chloride	50.000	44.510	11.0	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.037	1.9	113	0.00
22 T	Diisopropyl ether	50.000	49.507	1.0	112	0.00
23 T	Vinyl Acetate	250.000	243.317	2.7	107	0.00
24 P	1,1-Dichloroethane	50.000	49.525	1.0	113	0.00
25 T	2-Butanone	250.000	230.314	7.9	106	0.00
26 T	2,2-Dichloropropane	50.000	47.824	4.4	109	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.859	4.3	110	0.00
28 T	Bromochloromethane	50.000	46.031	7.9	105	0.00
29 T	Tetrahydrofuran	250.000	228.816	8.5	106	0.00
30 C	Chloroform	50.000	47.904	4.2#	109	0.00
31 T	Cyclohexane	50.000	49.279	1.4	117	0.00
32 T	1,1,1-Trichloroethane	50.000	47.229	5.5	108	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.105	3.8	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35 S	Dibromofluoromethane	50.000	51.181	-2.4	113	0.00
36 T	1,1-Dichloropropene	50.000	49.480	1.0	114	0.00
37 T	Ethyl Acetate	50.000	44.667	10.7	105	0.00
38 T	Carbon Tetrachloride	50.000	47.773	4.5	109	0.00
39 T	Methylcyclohexane	50.000	49.931	0.1	114	0.00
40 TM	Benzene	50.000	49.579	0.8	113	0.00
41 T	Methacrylonitrile	50.000	55.121	-10.2	136	0.00
42 TM	1,2-Dichloroethane	50.000	45.272	9.5	103	0.00
43 T	Isopropyl Acetate	50.000	45.991	8.0	104	0.00
44 TM	Trichloroethene	50.000	47.886	4.2	111	0.00
45 C	1,2-Dichloropropane	50.000	50.339	-0.7#	113	0.00
46 T	Dibromomethane	50.000	45.647	8.7	104	0.00
47 T	Bromodichloromethane	50.000	47.690	4.6	107	0.00
48 T	Methyl methacrylate	50.000	47.192	5.6	108	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	877.685	12.2	98	0.00
50 S	Toluene-d8	50.000	53.607	-7.2	117	0.00
51 T	4-Methyl-2-Pentanone	250.000	229.110	8.4	104	0.00
52 CM	Toluene	50.000	49.153	1.7#	112	0.00
53 T	t-1,3-Dichloropropene	50.000	48.269	3.5	108	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.937	2.1	109	0.00
55 T	1,1,2-Trichloroethane	50.000	46.960	6.1	108	0.00
56 T	Ethyl methacrylate	50.000	47.505	5.0	105	0.00
57 T	1,3-Dichloropropane	50.000	47.977	4.0	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	253.120	-1.2	109	0.00
59 T	2-Hexanone	250.000	235.647	5.7	104	0.00
60 T	Dibromochloromethane	50.000	46.851	6.3	104	0.00
61 T	1,2-Dibromoethane	50.000	46.289	7.4	105	0.00
62 S	4-Bromofluorobenzene	50.000	51.256	-2.5	114	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64 T	Tetrachloroethene	50.000	47.575	4.8	110	0.00
65 PM	Chlorobenzene	50.000	48.832	2.3	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.288	3.4	108	0.00
67 C	Ethyl Benzene	50.000	50.043	-0.1#	112	0.00
68 T	m/p-Xylenes	100.000	98.748	1.3	112	0.00
69 T	o-Xylene	50.000	48.914	2.2	110	0.00
70 T	Styrene	50.000	49.689	0.6	110	0.00
71 P	Bromoform	50.000	46.106	7.8	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73 T	Isopropylbenzene	50.000	50.009	-0.0	113	0.00
74 T	N-amyl acetate	50.000	47.872	4.3	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.750	4.5	108	0.00
76 T	1,2,3-Trichloropropane	50.000	42.085	15.8	101	0.00
77 T	Bromobenzene	50.000	47.269	5.5	108	0.00
78 T	n-propylbenzene	50.000	50.969	-1.9	114	0.00
79 T	2-Chlorotoluene	50.000	49.600	0.8	111	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.794	0.4	111	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.715	2.6	106	0.00
82 T	4-Chlorotoluene	50.000	49.160	1.7	110	0.00
83 T	tert-Butylbenzene	50.000	49.752	0.5	111	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.753	0.5	111	0.00
85 T	sec-Butylbenzene	50.000	49.983	0.0	112	0.00
86 T	p-Isopropyltoluene	50.000	50.655	-1.3	112	0.00
87 T	1,3-Dichlorobenzene	50.000	47.839	4.3	108	0.00
88 T	1,4-Dichlorobenzene	50.000	47.103	5.8	107	0.00
89 T	n-Butylbenzene	50.000	51.231	-2.5	113	0.00
90 T	Hexachloroethane	50.000	51.036	-2.1	114	0.00
91 T	1,2-Dichlorobenzene	50.000	47.609	4.8	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.245	11.5	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.297	5.4	106	0.00
94 T	Hexachlorobutadiene	50.000	46.596	6.8	105	0.00
95 T	Naphthalene	50.000	45.972	8.1	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.246	7.5	104	0.00

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