

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008966.D
 Acq On : 21 May 2022 22:45
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 22 02:45:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 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	71	0.00
2 T	Dichlorodifluoromethane	50.000	50.092	-0.2	68	0.00
3 P	Chloromethane	50.000	64.641	-29.3#	88	0.00
4 C	Vinyl Chloride	50.000	61.780	-23.6#	85	0.00
5 T	Bromomethane	50.000	54.568	-9.1	90	0.00
6 T	Chloroethane	50.000	62.161	-24.3	89	0.00
7 T	Trichlorofluoromethane	50.000	52.754	-5.5	74	0.00
8 T	Diethyl Ether	50.000	55.633	-11.3	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.160	-2.3	71	0.00
10 T	Methyl Iodide	50.000	52.956	-5.9	64	0.00
11 T	Tert butyl alcohol	250.000	250.322	-0.1	74	0.00
12 CM	1,1-Dichloroethene	50.000	50.759	-1.5#	71	0.00
13 T	Acrolein	250.000	150.195	39.9#	80	0.00
14 T	Allyl chloride	50.000	51.884	-3.8	71	0.00
15 T	Acrylonitrile	250.000	279.066	-11.6	80	0.00
16 T	Acetone	250.000	271.355	-8.5	79	0.00
17 T	Carbon Disulfide	50.000	52.683	-5.4	72	0.00
18 T	Methyl Acetate	50.000	71.653	-43.3#	101	0.00
19 T	Methyl tert-butyl Ether	50.000	53.315	-6.6	74	0.00
20 T	Methylene Chloride	50.000	50.118	-0.2	69	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.849	-3.7	74	0.00
22 T	Diisopropyl ether	50.000	56.018	-12.0	78	0.00
23 T	Vinyl Acetate	250.000	270.971	-8.4	73	0.00
24 P	1,1-Dichloroethane	50.000	53.114	-6.2	75	0.00
25 T	2-Butanone	250.000	283.364	-13.3	78	0.00
26 T	2,2-Dichloropropane	50.000	45.131	9.7	64	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.276	-4.6	72	0.00
28 T	Bromochloromethane	50.000	55.927	-11.9	82	0.00
29 T	Tetrahydrofuran	250.000	292.809	-17.1	80	0.00
30 C	Chloroform	50.000	53.814	-7.6#	76	0.00
31 T	Cyclohexane	50.000	49.336	1.3	70	0.00
32 T	1,1,1-Trichloroethane	50.000	52.563	-5.1	72	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.289	7.4	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35 S	Dibromofluoromethane	50.000	45.778	8.4	80	0.00
36 T	1,1-Dichloropropene	50.000	51.037	-2.1	73	0.00
37 T	Ethyl Acetate	50.000	51.619	-3.2	75	-0.01
38 T	Carbon Tetrachloride	50.000	49.224	1.6	70	0.00
39 T	Methylcyclohexane	50.000	49.965	0.1	69	0.00
40 TM	Benzene	50.000	52.584	-5.2	74	0.00
41 T	Methacrylonitrile	50.000	52.358	-4.7	72	0.00
42 TM	1,2-Dichloroethane	50.000	54.086	-8.2	77	0.00
43 T	Isopropyl Acetate	50.000	55.360	-10.7	77	0.00
44 TM	Trichloroethene	50.000	49.958	0.1	71	0.00
45 C	1,2-Dichloropropane	50.000	54.434	-8.9#	76	0.00
46 T	Dibromomethane	50.000	54.096	-8.2	76	0.00
47 T	Bromodichloromethane	50.000	53.771	-7.5	76	0.00
48 T	Methyl methacrylate	50.000	56.594	-13.2	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1104.412	-10.4	78	0.00
50 S	Toluene-d8	50.000	41.847	16.3	80	0.00
51 T	4-Methyl-2-Pentanone	250.000	294.504	-17.8	80	0.00
52 CM	Toluene	50.000	53.632	-7.3#	73	0.00
53 T	t-1,3-Dichloropropene	50.000	52.599	-5.2	71	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.981	-2.0	72	0.00
55 T	1,1,2-Trichloroethane	50.000	53.339	-6.7	74	0.00
56 T	Ethyl methacrylate	50.000	57.604	-15.2	76	0.00
57 T	1,3-Dichloropropane	50.000	55.137	-10.3	76	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	286.794	-14.7	78	0.00
59 T	2-Hexanone	250.000	305.932	-22.4	80	0.00
60 T	Dibromochloromethane	50.000	54.520	-9.0	75	0.00
61 T	1,2-Dibromoethane	50.000	53.504	-7.0	73	0.00
62 S	4-Bromofluorobenzene	50.000	54.848	-9.7	76	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64 T	Tetrachloroethene	50.000	48.954	2.1	71	0.00
65 PM	Chlorobenzene	50.000	51.743	-3.5	74	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.269	-6.5	74	0.00
67 C	Ethyl Benzene	50.000	53.139	-6.3#	72	0.00
68 T	m/p-Xylenes	100.000	109.541	-9.5	71	0.00
69 T	o-Xylene	50.000	55.783	-11.6	73	0.00
70 T	Styrene	50.000	57.215	-14.4	72	0.00
71 P	Bromoform	50.000	54.996	-10.0	73	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73 T	Isopropylbenzene	50.000	47.094	5.8	71	0.00
74 T	N-amyl acetate	50.000	50.552	-1.1	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.399	3.2	76	0.00
76 T	1,2,3-Trichloropropane	50.000	48.273	3.5	71	0.00
77 T	Bromobenzene	50.000	46.638	6.7	73	0.00
78 T	n-propylbenzene	50.000	50.865	-1.7	113	0.00
79 T	2-Chlorotoluene	50.000	48.694	2.6	72	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.455	1.1	71	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.371	9.3	70	0.00
82 T	4-Chlorotoluene	50.000	51.015	-2.0	72	0.00
83 T	tert-Butylbenzene	50.000	49.029	1.9	71	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.397	-2.8	73	0.00
85 T	sec-Butylbenzene	50.000	50.694	-1.4	72	0.00
86 T	p-Isopropyltoluene	50.000	51.307	-2.6	72	0.00
87 T	1,3-Dichlorobenzene	50.000	50.959	-1.9	74	0.00
88 T	1,4-Dichlorobenzene	50.000	50.372	-0.7	74	0.00
89 T	n-Butylbenzene	50.000	50.284	-0.6	72	0.00
90 T	Hexachloroethane	50.000	48.832	2.3	73	0.00
91 T	1,2-Dichlorobenzene	50.000	50.560	-1.1	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.380	5.2	72	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.467	11.1	69	0.00
94 T	Hexachlorobutadiene	50.000	43.714	12.6	69	0.00
95 T	Naphthalene	50.000	48.860	2.3	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.835	6.3	73	0.00

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