

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008599.D
 Acq On : 03 May 2022 18:02
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 04 02:43:37 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	109	0.00
2 T	Dichlorodifluoromethane	50.000	49.356	1.3	120	0.00
3 P	Chloromethane	50.000	49.268	1.5	113	0.00
4 C	Vinyl Chloride	50.000	50.273	-0.5#	113	0.00
5 T	Bromomethane	50.000	54.093	-8.2	115	0.00
6 T	Chloroethane	50.000	49.751	0.5	112	0.00
7 T	Trichlorofluoromethane	50.000	52.413	-4.8	119	0.00
8 T	Diethyl Ether	50.000	50.882	-1.8	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.554	-9.1	125	0.00
10 T	Methyl Iodide	50.000	47.019	6.0	95	0.00
11 T	Tert butyl alcohol	250.000	251.758	-0.7	115	0.00
12 CM	1,1-Dichloroethene	50.000	54.097	-8.2#	121	0.00
13 T	Acrolein	250.000	206.202	17.5	93	0.00
14 T	Allyl chloride	50.000	55.090	-10.2	121	0.00
15 T	Acrylonitrile	250.000	246.269	1.5	110	0.00
16 T	Acetone	250.000	229.712	8.1	100	0.00
17 T	Carbon Disulfide	50.000	55.613	-11.2	123	0.00
18 T	Methyl Acetate	50.000	48.592	2.8	109	0.00
19 T	Methyl tert-butyl Ether	50.000	49.994	0.0	112	0.00
20 T	Methylene Chloride	50.000	51.302	-2.6	112	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.755	-9.5	122	0.00
22 T	Diisopropyl ether	50.000	54.147	-8.3	119	0.00
23 T	Vinyl Acetate	250.000	264.843	-5.9	112	0.00
24 P	1,1-Dichloroethane	50.000	54.274	-8.5	120	0.00
25 T	2-Butanone	250.000	244.297	2.3	108	0.00
26 T	2,2-Dichloropropane	50.000	53.257	-6.5	117	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.571	-7.1	119	0.00
28 T	Bromochloromethane	50.000	46.193	7.6	102	0.00
29 T	Tetrahydrofuran	250.000	246.747	1.3	110	0.00
30 C	Chloroform	50.000	53.174	-6.3#	117	0.00
31 T	Cyclohexane	50.000	55.560	-11.1	128	0.00
32 T	1,1,1-Trichloroethane	50.000	54.302	-8.6	120	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.805	2.4	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35 S	Dibromofluoromethane	50.000	49.960	0.1	108	0.00
36 T	1,1-Dichloropropene	50.000	55.633	-11.3	125	0.00
37 T	Ethyl Acetate	50.000	47.588	4.8	109	0.00
38 T	Carbon Tetrachloride	50.000	53.289	-6.6	119	0.00
39 T	Methylcyclohexane	50.000	56.726	-13.5	126	0.00
40 TM	Benzene	50.000	54.908	-9.8	122	0.00
41 T	Methacrylonitrile	50.000	58.394	-16.8	141	0.00
42 TM	1,2-Dichloroethane	50.000	49.465	1.1	110	0.00
43 T	Isopropyl Acetate	50.000	49.181	1.6	109	0.00
44 TM	Trichloroethene	50.000	53.258	-6.5	121	0.00
45 C	1,2-Dichloropropane	50.000	55.476	-11.0#	122	0.00
46 T	Dibromomethane	50.000	50.211	-0.4	112	0.00
47 T	Bromodichloromethane	50.000	52.687	-5.4	116	0.00
48 T	Methyl methacrylate	50.000	51.276	-2.6	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	997.420	0.3	108	0.00
50 S	Toluene-d8	50.000	52.447	-4.9	112	0.00
51 T	4-Methyl-2-Pentanone	250.000	247.059	1.2	110	0.00
52 CM	Toluene	50.000	54.952	-9.9#	122	0.00
53 T	t-1,3-Dichloropropene	50.000	51.537	-3.1	113	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.521	-7.0	117	0.00
55 T	1,1,2-Trichloroethane	50.000	51.312	-2.6	115	0.00
56 T	Ethyl methacrylate	50.000	51.721	-3.4	112	0.00
57 T	1,3-Dichloropropane	50.000	51.610	-3.2	114	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	245.238	1.9	104	0.00
59 T	2-Hexanone	250.000	249.026	0.4	108	0.00
60 T	Dibromochloromethane	50.000	51.656	-3.3	113	0.00
61 T	1,2-Dibromoethane	50.000	49.773	0.5	111	0.00
62 S	4-Bromofluorobenzene	50.000	50.240	-0.5	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64 T	Tetrachloroethene	50.000	53.285	-6.6	122	0.00
65 PM	Chlorobenzene	50.000	53.305	-6.6	119	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.373	-4.7	116	0.00
67 C	Ethyl Benzene	50.000	55.241	-10.5#	122	0.00
68 T	m/p-Xylenes	100.000	109.559	-9.6	123	0.00
69 T	o-Xylene	50.000	54.210	-8.4	121	0.00
70 T	Styrene	50.000	54.729	-9.5	120	0.00
71 P	Bromoform	50.000	49.619	0.8	110	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	56.260	-12.5	123	0.00
74 T	N-ethyl acetate	50.000	51.669	-3.3	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.558	-3.1	113	0.00
76 T	1,2,3-Trichloropropane	50.000	53.706	-7.4	125	0.00
77 T	Bromobenzene	50.000	51.754	-3.5	115	0.00
78 T	n-propylbenzene	50.000	56.965	-13.9	124	0.00
79 T	2-Chlorotoluene	50.000	55.070	-10.1	120	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.910	-11.8	121	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.948	-3.9	110	0.00
82 T	4-Chlorotoluene	50.000	55.786	-11.6	121	0.00
83 T	tert-Butylbenzene	50.000	56.205	-12.4	122	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.091	-10.2	119	0.00
85 T	sec-Butylbenzene	50.000	56.519	-13.0	123	0.00
86 T	p-Isopropyltoluene	50.000	55.562	-11.1	119	0.00
87 T	1,3-Dichlorobenzene	50.000	51.960	-3.9	114	0.00
88 T	1,4-Dichlorobenzene	50.000	52.364	-4.7	116	0.00
89 T	n-Butylbenzene	50.000	55.977	-12.0	120	0.00
90 T	Hexachloroethane	50.000	55.745	-11.5	121	0.00
91 T	1,2-Dichlorobenzene	50.000	51.073	-2.1	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.291	7.4	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.511	1.0	108	0.00
94 T	Hexachlorobutadiene	50.000	49.293	1.4	108	0.00
95 T	Naphthalene	50.000	47.108	5.8	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.217	5.6	103	0.00

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