

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013308.D
 Acq On : 13 Apr 2023 19:59
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 14 03:02:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	51.785	-3.6	96	0.00
3 P	Chloromethane	50.000	46.605	6.8	87	0.00
4 C	Vinyl Chloride	50.000	47.493	5.0#	88	0.00
5 T	Bromomethane	50.000	45.922	8.2	88	0.00
6 T	Chloroethane	50.000	45.996	8.0	88	0.00
7 T	Trichlorofluoromethane	50.000	48.424	3.2	91	0.00
8 T	Diethyl Ether	50.000	53.507	-7.0	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.682	-1.4	94	0.00
10 T	Methyl Iodide	50.000	49.824	0.4	86	-0.01
11 T	Tert butyl alcohol	250.000	213.565	14.6	76	0.00
12 CM	1,1-Dichloroethene	50.000	51.192	-2.4#	94	-0.01
13 T	Acrolein	250.000	246.622	1.4	89	0.00
14 T	Allyl chloride	50.000	51.711	-3.4	94	-0.01
15 T	Acrylonitrile	250.000	290.512	-16.2	102	0.00
16 T	Acetone	250.000	214.981	14.0	75	0.00
17 T	Carbon Disulfide	50.000	50.960	-1.9	94	-0.01
18 T	Methyl Acetate	50.000	60.510	-21.0	106	0.00
19 T	Methyl tert-butyl Ether	50.000	54.514	-9.0	96	0.00
20 T	Methylene Chloride	50.000	56.997	-14.0	103	-0.01
21 T	trans-1,2-Dichloroethene	50.000	51.383	-2.8	94	0.00
22 T	Diisopropyl ether	50.000	53.503	-7.0	95	0.00
23 T	Vinyl Acetate	250.000	278.568	-11.4	96	0.00
24 P	1,1-Dichloroethane	50.000	51.444	-2.9	95	-0.01
25 T	2-Butanone	250.000	263.036	-5.2	91	0.00
26 T	2,2-Dichloropropane	50.000	44.331	11.3	84	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.203	-6.4	96	0.00
28 T	Bromochloromethane	50.000	54.857	-9.7	98	0.00
29 T	Tetrahydrofuran	250.000	316.448	-26.6#	106	0.00
30 C	Chloroform	50.000	52.067	-4.1#	97	0.00
31 T	Cyclohexane	50.000	48.430	3.1	92	0.00
32 T	1,1,1-Trichloroethane	50.000	48.924	2.2	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.170	-0.3	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35 S	Dibromofluoromethane	50.000	52.058	-4.1	97	0.00
36 T	1,1-Dichloropropene	50.000	50.525	-1.0	95	0.00
37 T	Ethyl Acetate	50.000	59.822	-19.6	106	0.00
38 T	Carbon Tetrachloride	50.000	49.084	1.8	93	0.00
39 T	Methylcyclohexane	50.000	51.682	-3.4	93	0.00
40 TM	Benzene	50.000	51.018	-2.0	96	0.00
41 T	Methacrylonitrile	50.000	62.794	-25.6#	114	0.00
42 TM	1,2-Dichloroethane	50.000	50.627	-1.3	95	0.00
43 T	Isopropyl Acetate	50.000	54.635	-9.3	97	0.00
44 TM	Trichloroethene	50.000	51.246	-2.5	97	0.00
45 C	1,2-Dichloropropane	50.000	52.828	-5.7#	98	0.00
46 T	Dibromomethane	50.000	53.600	-7.2	99	0.00
47 T	Bromodichloromethane	50.000	51.901	-3.8	99	0.00
48 T	Methyl methacrylate	50.000	57.647	-15.3	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1279.880	-28.0#	115	0.00
50 S	Toluene-d8	50.000	51.395	-2.8	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	295.981	-18.4	103	0.00
52 CM	Toluene	50.000	51.280	-2.6#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	51.619	-3.2	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.967	-3.9	96	0.00
55 T	1,1,2-Trichloroethane	50.000	54.038	-8.1	102	0.00
56 T	Ethyl methacrylate	50.000	58.647	-17.3	101	0.00
57 T	1,3-Dichloropropane	50.000	54.313	-8.6	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.535	-8.6	100	0.00
59 T	2-Hexanone	250.000	291.669	-16.7	99	0.00
60 T	Dibromochloromethane	50.000	53.245	-6.5	99	0.00
61 T	1,2-Dibromoethane	50.000	55.399	-10.8	101	0.00
62 S	4-Bromofluorobenzene	50.000	52.328	-4.7	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	53.086	-6.2	102	0.00
65 PM	Chlorobenzene	50.000	50.154	-0.3	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.408	-2.8	97	0.00
67 C	Ethyl Benzene	50.000	50.760	-1.5#	94	0.00
68 T	m/p-Xylenes	100.000	102.564	-2.6	96	0.00
69 T	o-Xylene	50.000	52.426	-4.9	97	0.00
70 T	Styrene	50.000	52.874	-5.7	96	0.00
71 P	Bromoform	50.000	54.897	-9.8	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	49.636	0.7	95	0.00
74 T	N-amyl acetate	50.000	55.020	-10.0	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.607	-5.2	101	0.00
76 T	1,2,3-Trichloropropane	50.000	46.050	7.9	89	0.00
77 T	Bromobenzene	50.000	50.483	-1.0	97	0.00
78 T	n-propylbenzene	50.000	49.452	1.1	94	0.00
79 T	2-Chlorotoluene	50.000	49.663	0.7	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.067	-0.1	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.683	-3.4	97	0.00
82 T	4-Chlorotoluene	50.000	49.502	1.0	96	0.00
83 T	tert-Butylbenzene	50.000	50.102	-0.2	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.303	-2.6	96	0.00
85 T	sec-Butylbenzene	50.000	49.621	0.8	95	0.00
86 T	p-Isopropyltoluene	50.000	50.494	-1.0	95	0.00
87 T	1,3-Dichlorobenzene	50.000	49.912	0.2	99	0.00
88 T	1,4-Dichlorobenzene	50.000	49.399	1.2	98	0.00
89 T	n-Butylbenzene	50.000	49.743	0.5	95	0.00
90 T	Hexachloroethane	50.000	48.631	2.7	98	0.00
91 T	1,2-Dichlorobenzene	50.000	50.711	-1.4	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.995	-14.0	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.004	-6.0	101	0.00
94 T	Hexachlorobutadiene	50.000	50.508	-1.0	100	0.00
95 T	Naphthalene	50.000	53.566	-7.1	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.347	-8.7	105	0.00

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