

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013165.D
 Acq On : 03 Apr 2023 10:21
 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: Apr 03 23:04:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	46.841	6.3	94	0.00
3 P	Chloromethane	50.000	40.154	19.7	83	0.00
4 C	Vinyl Chloride	50.000	41.620	16.8#	85	0.00
5 T	Bromomethane	50.000	44.079	11.8	92	0.00
6 T	Chloroethane	50.000	42.891	14.2	88	0.00
7 T	Trichlorofluoromethane	50.000	48.487	3.0	96	0.00
8 T	Diethyl Ether	50.000	47.732	4.5	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.650	6.7	95	0.00
10 T	Methyl Iodide	50.000	52.264	-4.5	98	0.00
11 T	Tert butyl alcohol	250.000	227.884	8.8	94	0.00
12 CM	1,1-Dichloroethene	50.000	47.806	4.4#	95	0.00
13 T	Acrolein	250.000	224.364	10.3	89	0.00
14 T	Allyl chloride	50.000	45.151	9.7	91	0.00
15 T	Acrylonitrile	250.000	224.067	10.4	86	0.00
16 T	Acetone	250.000	281.387	-12.6	96	0.00
17 T	Carbon Disulfide	50.000	44.864	10.3	90	0.00
18 T	Methyl Acetate	50.000	44.005	12.0	85	0.00
19 T	Methyl tert-butyl Ether	50.000	49.694	0.6	95	0.00
20 T	Methylene Chloride	50.000	47.166	5.7	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.588	4.8	94	0.00
22 T	Diisopropyl ether	50.000	44.972	10.1	86	0.00
23 T	Vinyl Acetate	250.000	229.585	8.2	85	0.00
24 P	1,1-Dichloroethane	50.000	45.660	8.7	92	0.00
25 T	2-Butanone	250.000	246.329	1.5	89	0.00
26 T	2,2-Dichloropropane	50.000	48.202	3.6	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.638	2.7	94	0.00
28 T	Bromochloromethane	50.000	44.463	11.1	85	0.00
29 T	Tetrahydrofuran	250.000	218.411	12.6	80	0.00
30 C	Chloroform	50.000	46.897	6.2#	95	0.00
31 T	Cyclohexane	50.000	42.877	14.2	86	0.00
32 T	1,1,1-Trichloroethane	50.000	49.439	1.1	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.638	8.7	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	49.081	1.8	92	0.00
36 T	1,1-Dichloropropene	50.000	49.502	1.0	91	0.00
37 T	Ethyl Acetate	50.000	44.829	10.3	80	0.00
38 T	Carbon Tetrachloride	50.000	52.402	-4.8	99	0.00
39 T	Methylcyclohexane	50.000	50.337	-0.7	90	0.00
40 TM	Benzene	50.000	49.152	1.7	92	0.00
41 T	Methacrylonitrile	50.000	43.270	13.5	79	0.00
42 TM	1,2-Dichloroethane	50.000	49.565	0.9	94	0.00
43 T	Isopropyl Acetate	50.000	47.468	5.1	84	0.00
44 TM	Trichloroethene	50.000	50.763	-1.5	95	0.00
45 C	1,2-Dichloropropane	50.000	46.885	6.2#	88	0.00
46 T	Dibromomethane	50.000	49.887	0.2	93	0.00
47 T	Bromodichloromethane	50.000	50.092	-0.2	94	0.00
48 T	Methyl methacrylate	50.000	47.527	4.9	83	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	1041.595	-4.2	89	0.00
50 S	Toluene-d8	50.000	50.252	-0.5	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	237.720	4.9	83	0.00
52 CM	Toluene	50.000	50.687	-1.4#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	50.609	-1.2	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.474	1.1	92	0.00
55 T	1,1,2-Trichloroethane	50.000	50.195	-0.4	94	0.00
56 T	Ethyl methacrylate	50.000	51.763	-3.5	90	0.00
57 T	1,3-Dichloropropane	50.000	49.114	1.8	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	230.850	7.7	84	0.00
59 T	2-Hexanone	250.000	266.650	-6.7	89	0.00
60 T	Dibromochloromethane	50.000	52.139	-4.3	96	0.00
61 T	1,2-Dibromoethane	50.000	49.849	0.3	94	0.00
62 S	4-Bromofluorobenzene	50.000	50.596	-1.2	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	52.599	-5.2	98	0.00
65 PM	Chlorobenzene	50.000	50.548	-1.1	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.991	-4.0	98	0.00
67 C	Ethyl Benzene	50.000	52.008	-4.0#	94	0.00
68 T	m/p-Xylenes	100.000	105.812	-5.8	94	0.00
69 T	o-Xylene	50.000	54.073	-8.1	97	0.00
70 T	Styrene	50.000	54.778	-9.6	98	0.00
71 P	Bromoform	50.000	55.217	-10.4	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	52.594	-5.2	95	0.00
74 T	N-amyl acetate	50.000	48.634	2.7	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.036	3.9	88	0.00
76 T	1,2,3-Trichloropropane	50.000	42.027	15.9	76	0.00
77 T	Bromobenzene	50.000	52.167	-4.3	97	0.00
78 T	n-propylbenzene	50.000	50.716	-1.4	92	0.00
79 T	2-Chlorotoluene	50.000	50.321	-0.6	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.533	-5.1	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.469	1.1	88	0.00
82 T	4-Chlorotoluene	50.000	50.457	-0.9	94	0.00
83 T	tert-Butylbenzene	50.000	53.125	-6.3	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.929	-5.9	95	0.00
85 T	sec-Butylbenzene	50.000	52.047	-4.1	94	0.00
86 T	p-Isopropyltoluene	50.000	53.397	-6.8	97	0.00
87 T	1,3-Dichlorobenzene	50.000	51.601	-3.2	98	0.00
88 T	1,4-Dichlorobenzene	50.000	51.333	-2.7	99	0.00
89 T	n-Butylbenzene	50.000	51.062	-2.1	93	0.00
90 T	Hexachloroethane	50.000	50.180	-0.4	96	0.00
91 T	1,2-Dichlorobenzene	50.000	51.300	-2.6	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.502	3.0	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.249	-10.5	99	0.00
94 T	Hexachlorobutadiene	50.000	53.340	-6.7	98	0.00
95 T	Naphthalene	50.000	50.536	-1.1	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.492	-11.0	98	0.00

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