

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017702.D
 Acq On : 19 Mar 2024 10:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 19 11:59:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 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	85	0.01
2 T	Dichlorodifluoromethane	50.000	45.931	8.1	80	0.01
3 P	Chloromethane	50.000	43.735	12.5	76	0.02
4 C	Vinyl Chloride	50.000	43.936	12.1#	75	0.02
5 T	Bromomethane	50.000	44.929	10.1	79	0.02
6 T	Chloroethane	50.000	47.397	5.2	79	0.02
7 T	Trichlorofluoromethane	50.000	44.752	10.5	76	0.02
8 T	Diethyl Ether	50.000	48.385	3.2	78	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.852	2.3	82	0.02
10 T	Methyl Iodide	50.000	59.525	-19.0	93	0.02
11 T	Tert butyl alcohol	250.000	133.560	46.6#	49	0.02
12 CM	1,1-Dichloroethene	50.000	52.034	-4.1#	87	0.03
13 T	Acrolein	250.000	186.618	25.4#	63	0.02
14 T	Allyl chloride	50.000	50.950	-1.9	82	0.02
15 T	Acrylonitrile	250.000	219.105	12.4	69	0.02
16 T	Acetone	250.000	263.190	-5.3	86	0.02
17 T	Carbon Disulfide	50.000	52.809	-5.6	88	0.02
18 T	Methyl Acetate	50.000	46.941	6.1	72	0.02
19 T	Methyl tert-butyl Ether	50.000	47.570	4.9	74	0.02
20 T	Methylene Chloride	50.000	51.922	-3.8	82	0.03
21 T	trans-1,2-Dichloroethene	50.000	53.886	-7.8	88	0.03
22 T	Diisopropyl ether	50.000	51.632	-3.3	81	0.02
23 T	Vinyl Acetate	250.000	237.713	4.9	74	0.02
24 P	1,1-Dichloroethane	50.000	52.210	-4.4	86	0.02
25 T	2-Butanone	250.000	234.402	6.2	73	0.02
26 T	2,2-Dichloropropane	50.000	51.766	-3.5	87	0.02
27 T	cis-1,2-Dichloroethene	50.000	54.142	-8.3	87	0.02
28 T	Bromochloromethane	50.000	52.254	-4.5	103	0.02
29 T	Tetrahydrofuran	250.000	209.969	16.0	64	0.02
30 C	Chloroform	50.000	53.571	-7.1#	88	0.02
31 T	Cyclohexane	50.000	48.735	2.5	82	0.02
32 T	1,1,1-Trichloroethane	50.000	52.136	-4.3	86	0.02
33 S	1,2-Dichloroethane-d4	50.000	52.034	-4.1	89	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.02
35 S	Dibromofluoromethane	50.000	57.625	-15.3	99	0.02
36 T	1,1-Dichloropropene	50.000	52.165	-4.3	85	0.02
37 T	Ethyl Acetate	50.000	42.316	15.4	67	0.02
38 T	Carbon Tetrachloride	50.000	53.414	-6.8	86	0.01
39 T	Methylcyclohexane	50.000	52.333	-4.7	82	0.02
40 TM	Benzene	50.000	54.111	-8.2	87	0.02
41 T	Methacrylonitrile	50.000	47.675	4.7	71	0.00
42 TM	1,2-Dichloroethane	50.000	50.024	-0.0	80	0.01
43 T	Isopropyl Acetate	50.000	43.154	13.7	67	0.01
44 TM	Trichloroethene	50.000	53.263	-6.5	87	0.02
45 C	1,2-Dichloropropane	50.000	51.278	-2.6#	83	0.01
46 T	Dibromomethane	50.000	50.205	-0.4	81	0.01
47 T	Bromodichloromethane	50.000	53.454	-6.9	85	0.01
48 T	Methyl methacrylate	50.000	43.665	12.7	66	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	799.781	20.0	62	0.01
50 S	Toluene-d8	50.000	60.509	-21.0	99	0.01
51 T	4-Methyl-2-Pentanone	250.000	213.127	14.7	65	0.01
52 CM	Toluene	50.000	54.958	-9.9#	88	0.01
53 T	t-1,3-Dichloropropene	50.000	51.122	-2.2	79	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.482	-5.0	83	0.00
55 T	1,1,2-Trichloroethane	50.000	50.401	-0.8	81	0.01
56 T	Ethyl methacrylate	50.000	44.406	11.2	71	0.01
57 T	1,3-Dichloropropane	50.000	49.531	0.9	78	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	206.619	17.4	75	0.00
59 T	2-Hexanone	250.000	236.817	5.3	70	0.00
60 T	Dibromochloromethane	50.000	52.266	-4.5	82	0.01
61 T	1,2-Dibromoethane	50.000	49.996	0.0	79	0.01
62 S	4-Bromofluorobenzene	50.000	58.125	-16.3	93	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.01
64 T	Tetrachloroethene	50.000	51.077	-2.2	84	0.01
65 PM	Chlorobenzene	50.000	54.346	-8.7	88	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	54.175	-8.3	87	0.01
67 C	Ethyl Benzene	50.000	55.267	-10.5#	87	0.00
68 T	m/p-Xylenes	100.000	111.903	-11.9	88	0.00
69 T	o-Xylene	50.000	55.767	-11.5	86	0.01
70 T	Styrene	50.000	55.519	-11.0	84	0.00
71 P	Bromoform	50.000	50.208	-0.4	79	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.01
73 T	Isopropylbenzene	50.000	57.186	-14.4	86	0.01
74 T	N-ethyl acetate	50.000	44.154	11.7	63	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	50.945	-1.9	76	0.00
76 T	1,2,3-Trichloropropane	50.000	52.300	-4.6	82	0.01
77 T	Bromobenzene	50.000	55.945	-11.9	86	0.01
78 T	n-propylbenzene	50.000	56.639	-13.3	84	0.01
79 T	2-Chlorotoluene	50.000	55.050	-10.1	84	0.01
80 T	1,3,5-Trimethylbenzene	50.000	57.227	-14.5	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.527	4.9	71	0.00
82 T	4-Chlorotoluene	50.000	55.092	-10.2	84	0.01
83 T	tert-Butylbenzene	50.000	58.593	-17.2	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.188	-14.4	85	0.01
85 T	sec-Butylbenzene	50.000	55.803	-11.6	83	0.01
86 T	p-Isopropyltoluene	50.000	56.441	-12.9	83	0.01
87 T	1,3-Dichlorobenzene	50.000	55.175	-10.3	84	0.00
88 T	1,4-Dichlorobenzene	50.000	53.915	-7.8	82	0.00
89 T	n-Butylbenzene	50.000	55.484	-11.0	80	0.00
90 T	Hexachloroethane	50.000	55.869	-11.7	86	0.01
91 T	1,2-Dichlorobenzene	50.000	54.081	-8.2	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	41.353	17.3	64	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.745	-5.5	76	0.00
94 T	Hexachlorobutadiene	50.000	54.224	-8.4	84	0.00
95 T	Naphthalene	50.000	41.336	17.3	63	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.162	-0.3	72	0.01

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