

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051623\
 Data File : VY013750.D
 Acq On : 16 May 2023 11:01
 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: May 17 07:42:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	45.153	9.7	75	0.00
3 P	Chloromethane	50.000	46.598	6.8	82	0.00
4 C	Vinyl Chloride	50.000	46.681	6.6#	82	0.00
5 T	Bromomethane	50.000	46.529	6.9	85	0.00
6 T	Chloroethane	50.000	45.917	8.2	83	0.00
7 T	Trichlorofluoromethane	50.000	48.511	3.0	84	0.00
8 T	Diethyl Ether	50.000	50.079	-0.2	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.566	2.9	86	0.00
10 T	Methyl Iodide	50.000	47.164	5.7	74	0.00
11 T	Tert butyl alcohol	250.000	239.118	4.4	88	0.00
12 CM	1,1-Dichloroethene	50.000	47.504	5.0#	81	0.00
13 T	Acrolein	250.000	157.408	37.0#	59	0.00
14 T	Allyl chloride	50.000	51.220	-2.4	86	0.00
15 T	Acrylonitrile	250.000	263.375	-5.3	87	0.00
16 T	Acetone	250.000	270.741	-8.3	84	0.00
17 T	Carbon Disulfide	50.000	41.452	17.1	70	0.00
18 T	Methyl Acetate	50.000	52.430	-4.9	89	0.00
19 T	Methyl tert-butyl Ether	50.000	53.435	-6.9	88	0.00
20 T	Methylene Chloride	50.000	48.415	3.2	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.006	-0.0	84	0.00
22 T	Diisopropyl ether	50.000	55.612	-11.2	94	0.00
23 T	Vinyl Acetate	250.000	296.700	-18.7	97	0.00
24 P	1,1-Dichloroethane	50.000	52.874	-5.7	90	0.00
25 T	2-Butanone	250.000	259.442	-3.8	85	0.00
26 T	2,2-Dichloropropane	50.000	52.990	-6.0	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.760	-3.5	88	0.00
28 T	Bromochloromethane	50.000	52.487	-5.0	91	0.00
29 T	Tetrahydrofuran	250.000	244.954	2.0	81	0.00
30 C	Chloroform	50.000	53.832	-7.7#	93	0.00
31 T	Cyclohexane	50.000	44.825	10.3	80	0.00
32 T	1,1,1-Trichloroethane	50.000	52.328	-4.7	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.294	-0.6	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	53.355	-6.7	96	0.00
36 T	1,1-Dichloropropene	50.000	50.501	-1.0	86	0.00
37 T	Ethyl Acetate	50.000	50.681	-1.4	82	0.00
38 T	Carbon Tetrachloride	50.000	52.525	-5.0	88	0.00
39 T	Methylcyclohexane	50.000	47.746	4.5	80	0.00
40 TM	Benzene	50.000	52.083	-4.2	88	0.00
41 T	Methacrylonitrile	50.000	55.355	-10.7	91	0.00
42 TM	1,2-Dichloroethane	50.000	53.502	-7.0	89	0.00
43 T	Isopropyl Acetate	50.000	51.904	-3.8	86	0.00
44 TM	Trichloroethene	50.000	50.041	-0.1	84	0.00
45 C	1,2-Dichloropropane	50.000	54.657	-9.3#	92	0.00
46 T	Dibromomethane	50.000	52.287	-4.6	88	0.00
47 T	Bromodichloromethane	50.000	55.649	-11.3	94	0.00
48 T	Methyl methacrylate	50.000	52.254	-4.5	83	0.00

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

49 T	1,4-Dioxane	1000.000	1004.391	-0.4	82	0.00
50 S	Toluene-d8	50.000	48.073	3.9	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	266.655	-6.7	86	0.00
52 CM	Toluene	50.000	52.716	-5.4#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	54.344	-8.7	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.928	-7.9	90	0.00
55 T	1,1,2-Trichloroethane	50.000	53.850	-7.7	91	0.00
56 T	Ethyl methacrylate	50.000	55.184	-10.4	88	0.00
57 T	1,3-Dichloropropane	50.000	54.462	-8.9	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	244.930	2.0	89	0.00
59 T	2-Hexanone	250.000	269.656	-7.9	85	0.00
60 T	Dibromochloromethane	50.000	54.802	-9.6	90	0.00
61 T	1,2-Dibromoethane	50.000	53.173	-6.3	88	0.00
62 S	4-Bromofluorobenzene	50.000	55.060	-10.1	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	47.992	4.0	84	0.00
65 PM	Chlorobenzene	50.000	51.501	-3.0	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.429	-8.9	96	0.00
67 C	Ethyl Benzene	50.000	53.358	-6.7#	92	0.00
68 T	m/p-Xylenes	100.000	105.472	-5.5	91	0.00
69 T	o-Xylene	50.000	53.793	-7.6	91	0.00
70 T	Styrene	50.000	54.651	-9.3	93	0.00
71 P	Bromoform	50.000	53.983	-8.0	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	50.089	-0.2	92	0.00
74 T	N-amyl acetate	50.000	49.371	1.3	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.752	2.5	90	0.00
76 T	1,2,3-Trichloropropane	50.000	50.973	-1.9	92	0.00
77 T	Bromobenzene	50.000	50.800	-1.6	94	0.00
78 T	n-propylbenzene	50.000	50.299	-0.6	92	0.00
79 T	2-Chlorotoluene	50.000	51.040	-2.1	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.846	-1.7	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.654	2.7	86	0.00
82 T	4-Chlorotoluene	50.000	50.942	-1.9	94	0.00
83 T	tert-Butylbenzene	50.000	50.536	-1.1	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.731	-3.5	93	0.00
85 T	sec-Butylbenzene	50.000	50.861	-1.7	94	0.00
86 T	p-Isopropyltoluene	50.000	51.399	-2.8	94	0.00
87 T	1,3-Dichlorobenzene	50.000	51.150	-2.3	95	0.00
88 T	1,4-Dichlorobenzene	50.000	50.574	-1.1	95	0.00
89 T	n-Butylbenzene	50.000	50.658	-1.3	94	0.00
90 T	Hexachloroethane	50.000	49.484	1.0	94	0.00
91 T	1,2-Dichlorobenzene	50.000	51.017	-2.0	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.646	6.7	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.790	-5.6	99	0.00
94 T	Hexachlorobutadiene	50.000	53.378	-6.8	103	0.00
95 T	Naphthalene	50.000	49.982	0.0	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.046	-6.1	98	0.00

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