

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013861.D
 Acq On : 25 May 2023 09:53
 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 25 10:15:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 23 16:39:59 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	46.481	7.0	72	0.00
3 P	Chloromethane	50.000	45.418	9.2	77	0.00
4 C	Vinyl Chloride	50.000	45.131	9.7#	74	0.00
5 T	Bromomethane	50.000	41.158	17.7	76	0.00
6 T	Chloroethane	50.000	44.822	10.4	78	0.00
7 T	Trichlorofluoromethane	50.000	44.231	11.5	75	0.00
8 T	Diethyl Ether	50.000	44.677	10.6	75	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.573	14.9	74	0.00
10 T	Methyl Iodide	50.000	44.762	10.5	70	0.00
11 T	Tert butyl alcohol	250.000	219.153	12.3	74	-0.02
12 CM	1,1-Dichloroethene	50.000	44.232	11.5#	74	0.00
13 T	Acrolein	250.000	259.231	-3.7	95	0.00
14 T	Allyl chloride	50.000	42.441	15.1	75	0.00
15 T	Acrylonitrile	250.000	217.776	12.9	75	0.00
16 T	Acetone	250.000	281.600	-12.6	98	0.00
17 T	Carbon Disulfide	50.000	46.142	7.7	75	0.00
18 T	Methyl Acetate	50.000	41.207	17.6	73	0.00
19 T	Methyl tert-butyl Ether	50.000	44.470	11.1	75	0.00
20 T	Methylene Chloride	50.000	41.725	16.5	77	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.087	9.8	77	0.00
22 T	Diisopropyl ether	50.000	45.832	8.3	78	0.00
23 T	Vinyl Acetate	250.000	264.905	-6.0	74	0.00
24 P	1,1-Dichloroethane	50.000	44.096	11.8	78	0.00
25 T	2-Butanone	250.000	249.141	0.3	85	0.00
26 T	2,2-Dichloropropane	50.000	45.032	9.9	79	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.175	7.7	79	0.00
28 T	Bromochloromethane	50.000	44.691	10.6	86	0.00
29 T	Tetrahydrofuran	250.000	227.195	9.1	72	0.00
30 C	Chloroform	50.000	46.544	6.9#	82	0.00
31 T	Cyclohexane	50.000	40.491	19.0	70	0.00
32 T	1,1,1-Trichloroethane	50.000	44.980	10.0	78	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.420	1.2	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	50.319	-0.6	91	0.00
36 T	1,1-Dichloropropene	50.000	45.105	9.8	76	0.00
37 T	Ethyl Acetate	50.000	43.837	12.3	71	0.00
38 T	Carbon Tetrachloride	50.000	44.883	10.2	77	0.00
39 T	Methylcyclohexane	50.000	42.618	14.8	69	0.00
40 TM	Benzene	50.000	45.876	8.2	79	0.00
41 T	Methacrylonitrile	50.000	43.524	13.0	75	0.01
42 TM	1,2-Dichloroethane	50.000	46.705	6.6	80	0.00
43 T	Isopropyl Acetate	50.000	43.114	13.8	72	0.00
44 TM	Trichloroethene	50.000	45.424	9.2	79	0.00
45 C	1,2-Dichloropropane	50.000	46.031	7.9#	80	0.00
46 T	Dibromomethane	50.000	46.675	6.7	80	0.00
47 T	Bromodichloromethane	50.000	46.349	7.3	82	0.00
48 T	Methyl methacrylate	50.000	42.776	14.4	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	934.630	6.5	74	0.00
50 S	Toluene-d8	50.000	48.733	2.5	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	223.729	10.5	73	0.00
52 CM	Toluene	50.000	47.207	5.6#	81	0.00
53 T	t-1,3-Dichloropropene	50.000	46.284	7.4	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.447	7.1	79	0.00
55 T	1,1,2-Trichloroethane	50.000	46.704	6.6	80	0.00
56 T	Ethyl methacrylate	50.000	45.693	8.6	74	0.00
57 T	1,3-Dichloropropane	50.000	45.913	8.2	78	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	215.048	14.0	85	0.00
59 T	2-Hexanone	250.000	245.097	2.0	78	0.00
60 T	Dibromochloromethane	50.000	47.272	5.5	81	0.00
61 T	1,2-Dibromoethane	50.000	46.327	7.3	78	0.00
62 S	4-Bromofluorobenzene	50.000	50.506	-1.0	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	44.747	10.5	78	0.00
65 PM	Chlorobenzene	50.000	45.553	8.9	81	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.042	5.9	84	0.00
67 C	Ethyl Benzene	50.000	46.301	7.4#	80	0.00
68 T	m/p-Xylenes	100.000	94.369	5.6	81	0.00
69 T	o-Xylene	50.000	46.324	7.4	80	0.00
70 T	Styrene	50.000	47.152	5.7	81	0.00
71 P	Bromoform	50.000	46.166	7.7	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	44.384	11.2	79	0.00
74 T	N-amyl acetate	50.000	42.712	14.6	73	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.040	13.9	76	0.00
76 T	1,2,3-Trichloropropane	50.000	40.113	19.8	90	0.00
77 T	Bromobenzene	50.000	45.378	9.2	82	0.00
78 T	n-propylbenzene	50.000	44.661	10.7	79	0.00
79 T	2-Chlorotoluene	50.000	45.030	9.9	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.988	8.0	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.133	15.7	72	0.00
82 T	4-Chlorotoluene	50.000	45.306	9.4	84	0.00
83 T	tert-Butylbenzene	50.000	45.202	9.6	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.558	6.9	83	0.00
85 T	sec-Butylbenzene	50.000	44.447	11.1	79	0.00
86 T	p-Isopropyltoluene	50.000	44.968	10.1	81	0.00
87 T	1,3-Dichlorobenzene	50.000	45.850	8.3	84	0.00
88 T	1,4-Dichlorobenzene	50.000	44.657	10.7	82	0.00
89 T	n-Butylbenzene	50.000	44.449	11.1	80	0.00
90 T	Hexachloroethane	50.000	43.724	12.6	82	0.00
91 T	1,2-Dichlorobenzene	50.000	45.609	8.8	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	40.807	18.4	72	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.920	10.2	81	0.00
94 T	Hexachlorobutadiene	50.000	43.793	12.4	82	0.00
95 T	Naphthalene	50.000	39.286	21.4	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.659	10.7	80	0.00

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