

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031023\
 Data File : VY012908.D
 Acq On : 10 Mar 2023 09:43
 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: Mar 11 05:41:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	45.947	8.1	79	0.00
3 P	Chloromethane	50.000	44.507	11.0	79	0.00
4 C	Vinyl Chloride	50.000	48.166	3.7#	81	0.00
5 T	Bromomethane	50.000	50.273	-0.5	85	0.00
6 T	Chloroethane	50.000	51.038	-2.1	85	0.00
7 T	Trichlorofluoromethane	50.000	51.461	-2.9	87	0.00
8 T	Diethyl Ether	50.000	48.692	2.6	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.618	-3.2	87	0.00
10 T	Methyl Iodide	50.000	50.084	-0.2	78	0.00
11 T	Tert butyl alcohol	250.000	246.044	1.6	82	0.00
12 CM	1,1-Dichloroethene	50.000	50.712	-1.4#	84	0.00
13 T	Acrolein	250.000	228.193	8.7	76	0.00
14 T	Allyl chloride	50.000	47.942	4.1	78	0.00
15 T	Acrylonitrile	250.000	257.497	-3.0	84	0.00
16 T	Acetone	250.000	267.976	-7.2	82	0.00
17 T	Carbon Disulfide	50.000	47.398	5.2	79	0.00
18 T	Methyl Acetate	50.000	47.430	5.1	77	0.00
19 T	Methyl tert-butyl Ether	50.000	53.737	-7.5	86	0.00
20 T	Methylene Chloride	50.000	52.339	-4.7	84	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.367	-4.7	86	0.00
22 T	Diisopropyl ether	50.000	50.660	-1.3	81	0.00
23 T	Vinyl Acetate	250.000	253.139	-1.3	80	0.00
24 P	1,1-Dichloroethane	50.000	50.752	-1.5	83	0.00
25 T	2-Butanone	250.000	252.175	-0.9	79	0.00
26 T	2,2-Dichloropropane	50.000	51.398	-2.8	87	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.755	-5.5	85	0.00
28 T	Bromochloromethane	50.000	50.800	-1.6	82	0.00
29 T	Tetrahydrofuran	250.000	243.068	2.8	77	0.00
30 C	Chloroform	50.000	54.326	-8.7#	89	0.00
31 T	Cyclohexane	50.000	46.232	7.5	78	0.00
32 T	1,1,1-Trichloroethane	50.000	53.388	-6.8	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.291	9.4	76	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35 S	Dibromofluoromethane	50.000	49.453	1.1	79	0.00
36 T	1,1-Dichloropropene	50.000	52.604	-5.2	84	0.00
37 T	Ethyl Acetate	50.000	49.027	1.9	80	0.00
38 T	Carbon Tetrachloride	50.000	56.299	-12.6	89	0.00
39 T	Methylcyclohexane	50.000	53.191	-6.4	82	0.00
40 TM	Benzene	50.000	53.704	-7.4	85	0.00
41 T	Methacrylonitrile	50.000	48.117	3.8	75	0.01
42 TM	1,2-Dichloroethane	50.000	54.574	-9.1	86	0.00
43 T	Isopropyl Acetate	50.000	50.340	-0.7	78	0.00
44 TM	Trichloroethene	50.000	54.940	-9.9	86	0.00
45 C	1,2-Dichloropropane	50.000	53.202	-6.4#	86	0.00
46 T	Dibromomethane	50.000	54.827	-9.7	86	0.00
47 T	Bromodichloromethane	50.000	55.334	-10.7	87	0.00
48 T	Methyl methacrylate	50.000	49.239	1.5	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1068.180	-6.8	82	0.00
50 S	Toluene-d8	50.000	46.725	6.5	75	0.00
51 T	4-Methyl-2-Pentanone	250.000	263.637	-5.5	80	0.00
52 CM	Toluene	50.000	55.822	-11.6#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	55.292	-10.6	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.409	-8.8	85	0.00
55 T	1,1,2-Trichloroethane	50.000	55.211	-10.4	87	0.00
56 T	Ethyl methacrylate	50.000	55.558	-11.1	82	0.00
57 T	1,3-Dichloropropane	50.000	54.904	-9.8	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	264.680	-5.9	79	0.00
59 T	2-Hexanone	250.000	272.454	-9.0	81	0.00
60 T	Dibromochloromethane	50.000	56.266	-12.5	89	0.00
61 T	1,2-Dibromoethane	50.000	54.015	-8.0	85	0.00
62 S	4-Bromofluorobenzene	50.000	49.174	1.7	79	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	53.793	-7.6	88	0.00
65 PM	Chlorobenzene	50.000	53.060	-6.1	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.645	-9.3	89	0.00
67 C	Ethyl Benzene	50.000	54.707	-9.4#	87	0.00
68 T	m/p-Xylenes	100.000	110.505	-10.5	88	0.00
69 T	o-Xylene	50.000	54.592	-9.2	88	0.00
70 T	Styrene	50.000	55.905	-11.8	87	0.00
71 P	Bromoform	50.000	56.252	-12.5	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73 T	Isopropylbenzene	50.000	54.112	-8.2	88	0.00
74 T	N-amyl acetate	50.000	48.928	2.1	78	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.509	-3.0	86	0.00
76 T	1,2,3-Trichloropropane	50.000	53.037	-6.1	88	0.00
77 T	Bromobenzene	50.000	54.097	-8.2	90	0.00
78 T	n-propylbenzene	50.000	53.909	-7.8	87	0.00
79 T	2-Chlorotoluene	50.000	52.996	-6.0	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.916	-7.8	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.675	-1.3	83	0.00
82 T	4-Chlorotoluene	50.000	52.866	-5.7	87	0.00
83 T	tert-Butylbenzene	50.000	54.226	-8.5	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.632	-9.3	88	0.00
85 T	sec-Butylbenzene	50.000	54.397	-8.8	89	0.00
86 T	p-Isopropyltoluene	50.000	54.400	-8.8	88	0.00
87 T	1,3-Dichlorobenzene	50.000	53.974	-7.9	90	0.00
88 T	1,4-Dichlorobenzene	50.000	52.543	-5.1	88	0.00
89 T	n-Butylbenzene	50.000	53.523	-7.0	87	0.00
90 T	Hexachloroethane	50.000	51.950	-3.9	88	0.00
91 T	1,2-Dichlorobenzene	50.000	53.527	-7.1	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.900	-1.8	82	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.178	-2.4	83	0.00
94 T	Hexachlorobutadiene	50.000	50.417	-0.8	87	0.00
95 T	Naphthalene	50.000	51.314	-2.6	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.869	-1.7	83	0.00

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