

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014709.D
 Acq On : 18 Jul 2023 18:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 19 04:07:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 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	65	0.00
2 T	Dichlorodifluoromethane	50.000	44.556	10.9	61	0.00
3 P	Chloromethane	50.000	56.200	-12.4	75	0.00
4 C	Vinyl Chloride	50.000	58.749	-17.5#	76	0.00
5 T	Bromomethane	50.000	66.397	-32.8#	88	0.00
6 T	Chloroethane	50.000	60.573	-21.1	78	0.00
7 T	Trichlorofluoromethane	50.000	50.348	-0.7	64	0.00
8 T	Diethyl Ether	50.000	51.620	-3.2	67	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.554	2.9	62	0.00
10 T	Methyl Iodide	50.000	42.872	14.3	57	0.00
11 T	Tert butyl alcohol	250.000	265.971	-6.4	73	0.00
12 CM	1,1-Dichloroethene	50.000	48.630	2.7#	62	0.00
13 T	Acrolein	250.000	136.034	45.6#	39	0.00
14 T	Allyl chloride	50.000	46.317	7.4	60	0.00
15 T	Acrylonitrile	250.000	286.611	-14.6	74	0.00
16 T	Acetone	250.000	236.223	5.5	57	0.00
17 T	Carbon Disulfide	50.000	45.150	9.7	60	0.00
18 T	Methyl Acetate	50.000	58.016	-16.0	75	0.00
19 T	Methyl tert-butyl Ether	50.000	53.494	-7.0	68	0.00
20 T	Methylene Chloride	50.000	57.825	-15.7	73	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.835	0.3	64	0.00
22 T	Diisopropyl ether	50.000	50.198	-0.4	64	0.00
23 T	Vinyl Acetate	250.000	259.874	-3.9	66	0.00
24 P	1,1-Dichloroethane	50.000	50.358	-0.7	64	0.00
25 T	2-Butanone	250.000	269.295	-7.7	69	0.00
26 T	2,2-Dichloropropane	50.000	45.449	9.1	58	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.327	-4.7	67	0.00
28 T	Bromochloromethane	50.000	50.299	-0.6	69	0.00
29 T	Tetrahydrofuran	250.000	286.863	-14.7	75	0.00
30 C	Chloroform	50.000	51.147	-2.3#	66	0.00
31 T	Cyclohexane	50.000	43.522	13.0	59	0.00
32 T	1,1,1-Trichloroethane	50.000	51.022	-2.0	66	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.595	-1.2	67	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	67	0.00
35 S	Dibromofluoromethane	50.000	50.286	-0.6	66	0.00
36 T	1,1-Dichloropropene	50.000	48.352	3.3	62	0.00
37 T	Ethyl Acetate	50.000	55.166	-10.3	74	0.00
38 T	Carbon Tetrachloride	50.000	51.160	-2.3	65	0.00
39 T	Methylcyclohexane	50.000	45.770	8.5	59	0.00
40 TM	Benzene	50.000	50.228	-0.5	64	0.00
41 T	Methacrylonitrile	50.000	48.902	2.2	65	0.00
42 TM	1,2-Dichloroethane	50.000	52.530	-5.1	67	0.00
43 T	Isopropyl Acetate	50.000	53.535	-7.1	69	0.00
44 TM	Trichloroethene	50.000	50.913	-1.8	66	0.00
45 C	1,2-Dichloropropane	50.000	49.817	0.4#	64	0.00
46 T	Dibromomethane	50.000	53.556	-7.1	69	0.00
47 T	Bromodichloromethane	50.000	51.698	-3.4	66	0.00
48 T	Methyl methacrylate	50.000	53.421	-6.8	69	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1206.847	-20.7	77	0.00
50 S	Toluene-d8	50.000	49.149	1.7	66	0.00
51 T	4-Methyl-2-Pentanone	250.000	286.771	-14.7	74	0.00
52 CM	Toluene	50.000	50.591	-1.2#	65	0.00
53 T	t-1,3-Dichloropropene	50.000	49.931	0.1	64	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.629	0.7	63	0.00
55 T	1,1,2-Trichloroethane	50.000	54.101	-8.2	69	0.00
56 T	Ethyl methacrylate	50.000	53.505	-7.0	68	0.00
57 T	1,3-Dichloropropane	50.000	52.653	-5.3	67	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	250.806	-0.3	66	0.00
59 T	2-Hexanone	250.000	285.682	-14.3	73	0.00
60 T	Dibromochloromethane	50.000	53.880	-7.8	69	0.00
61 T	1,2-Dibromoethane	50.000	54.374	-8.7	70	0.00
62 S	4-Bromofluorobenzene	50.000	48.482	3.0	65	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	67	0.00
64 T	Tetrachloroethene	50.000	50.733	-1.5	67	0.00
65 PM	Chlorobenzene	50.000	50.593	-1.2	66	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.144	-4.3	67	0.00
67 C	Ethyl Benzene	50.000	49.756	0.5#	65	0.00
68 T	m/p-Xylenes	100.000	101.679	-1.7	67	0.00
69 T	o-Xylene	50.000	50.984	-2.0	66	0.00
70 T	Styrene	50.000	52.214	-4.4	67	0.00
71 P	Bromoform	50.000	56.106	-12.2	72	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	71	0.00
73 T	Isopropylbenzene	50.000	48.373	3.3	67	0.00
74 T	N-amyl acetate	50.000	51.217	-2.4	70	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.242	-6.5	74	0.00
76 T	1,2,3-Trichloropropane	50.000	53.278	-6.6	74	0.00
77 T	Bromobenzene	50.000	50.668	-1.3	69	0.00
78 T	n-propylbenzene	50.000	48.154	3.7	66	0.00
79 T	2-Chlorotoluene	50.000	47.867	4.3	65	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.597	2.8	66	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.472	5.1	64	0.00
82 T	4-Chlorotoluene	50.000	47.948	4.1	65	0.00
83 T	tert-Butylbenzene	50.000	48.875	2.3	66	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.896	2.2	67	0.00
85 T	sec-Butylbenzene	50.000	48.719	2.6	66	0.00
86 T	p-Isopropyltoluene	50.000	49.386	1.2	67	0.00
87 T	1,3-Dichlorobenzene	50.000	51.085	-2.2	69	0.00
88 T	1,4-Dichlorobenzene	50.000	50.696	-1.4	69	0.00
89 T	n-Butylbenzene	50.000	47.879	4.2	64	0.00
90 T	Hexachloroethane	50.000	47.862	4.3	65	0.00
91 T	1,2-Dichlorobenzene	50.000	51.114	-2.2	69	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.698	-5.4	74	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.625	-1.3	67	0.00
94 T	Hexachlorobutadiene	50.000	49.257	1.5	65	0.00
95 T	Naphthalene	50.000	54.252	-8.5	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.851	-3.7	69	0.00

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