

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014816.D
 Acq On : 25 Jul 2023 21:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 26 02:12:33 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	60	0.00
2 T	Dichlorodifluoromethane	50.000	44.459	11.1	56	0.00
3 P	Chloromethane	50.000	56.492	-13.0	70	0.00
4 C	Vinyl Chloride	50.000	60.164	-20.3#	72	0.00
5 T	Bromomethane	50.000	69.490	-39.0#	85	0.00
6 T	Chloroethane	50.000	65.952	-31.9#	78	0.00
7 T	Trichlorofluoromethane	50.000	52.934	-5.9	63	0.01
8 T	Diethyl Ether	50.000	55.169	-10.3	66	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.885	-3.8	61	0.00
10 T	Methyl Iodide	50.000	51.454	-2.9	64	0.00
11 T	Tert butyl alcohol	250.000	269.174	-7.7	68	0.01
12 CM	1,1-Dichloroethene	50.000	51.401	-2.8#	60	0.00
13 T	Acrolein	250.000	194.903	22.0	51	0.01
14 T	Allyl chloride	50.000	48.253	3.5	57	0.02
15 T	Acrylonitrile	250.000	308.347	-23.3	73	0.00
16 T	Acetone	250.000	260.607	-4.2	58	0.01
17 T	Carbon Disulfide	50.000	45.778	8.4	56	0.01
18 T	Methyl Acetate	50.000	66.040	-32.1#	78	0.00
19 T	Methyl tert-butyl Ether	50.000	56.837	-13.7	67	0.01
20 T	Methylene Chloride	50.000	56.514	-13.0	66	0.01
21 T	trans-1,2-Dichloroethene	50.000	52.486	-5.0	62	0.01
22 T	Diisopropyl ether	50.000	53.288	-6.6	62	0.01
23 T	Vinyl Acetate	250.000	263.325	-5.3	62	0.01
24 P	1,1-Dichloroethane	50.000	53.831	-7.7	63	0.01
25 T	2-Butanone	250.000	291.933	-16.8	69	0.01
26 T	2,2-Dichloropropane	50.000	46.985	6.0	56	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.353	-10.7	65	0.01
28 T	Bromochloromethane	50.000	54.352	-8.7	69	0.01
29 T	Tetrahydrofuran	250.000	309.068	-23.6	75	0.00
30 C	Chloroform	50.000	55.447	-10.9#	66	0.00
31 T	Cyclohexane	50.000	45.180	9.6	56	0.01
32 T	1,1,1-Trichloroethane	50.000	54.267	-8.5	64	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.744	-5.5	65	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	62	0.00
35 S	Dibromofluoromethane	50.000	52.435	-4.9	64	0.00
36 T	1,1-Dichloropropene	50.000	51.230	-2.5	61	0.01
37 T	Ethyl Acetate	50.000	58.664	-17.3	73	0.00
38 T	Carbon Tetrachloride	50.000	53.523	-7.0	63	0.00
39 T	Methylcyclohexane	50.000	47.704	4.6	57	0.00
40 TM	Benzene	50.000	53.310	-6.6	63	0.00
41 T	Methacrylonitrile	50.000	53.142	-6.3	66	0.00
42 TM	1,2-Dichloroethane	50.000	56.565	-13.1	67	0.00
43 T	Isopropyl Acetate	50.000	56.100	-12.2	67	0.00
44 TM	Trichloroethene	50.000	53.934	-7.9	65	0.00
45 C	1,2-Dichloropropane	50.000	52.996	-6.0#	63	0.00
46 T	Dibromomethane	50.000	56.637	-13.3	68	0.00
47 T	Bromodichloromethane	50.000	55.345	-10.7	66	0.00
48 T	Methyl methacrylate	50.000	56.353	-12.7	68	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	1267.019	-26.7#	75	0.00
50 S	Toluene-d8	50.000	50.546	-1.1	63	0.00
51 T	4-Methyl-2-Pentanone	250.000	304.973	-22.0	73	0.00
52 CM	Toluene	50.000	53.598	-7.2#	64	0.00
53 T	t-1,3-Dichloropropene	50.000	52.079	-4.2	62	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.795	-3.6	61	0.00
55 T	1,1,2-Trichloroethane	50.000	56.773	-13.5	68	0.00
56 T	Ethyl methacrylate	50.000	56.089	-12.2	66	0.00
57 T	1,3-Dichloropropane	50.000	56.064	-12.1	66	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.682	-8.7	66	0.00
59 T	2-Hexanone	250.000	302.444	-21.0	72	0.00
60 T	Dibromochloromethane	50.000	56.086	-12.2	66	0.00
61 T	1,2-Dibromoethane	50.000	57.430	-14.9	68	0.00
62 S	4-Bromofluorobenzene	50.000	48.460	3.1	61	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	62	0.00
64 T	Tetrachloroethene	50.000	57.728	-15.5	70	0.00
65 PM	Chlorobenzene	50.000	53.746	-7.5	65	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.685	-11.4	66	0.00
67 C	Ethyl Benzene	50.000	52.950	-5.9#	63	0.00
68 T	m/p-Xylenes	100.000	105.989	-6.0	64	0.00
69 T	o-Xylene	50.000	53.189	-6.4	64	0.00
70 T	Styrene	50.000	54.317	-8.6	65	0.00
71 P	Bromoform	50.000	57.815	-15.6	69	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	63	0.00
73 T	Isopropylbenzene	50.000	51.911	-3.8	64	0.00
74 T	N-amyl acetate	50.000	52.780	-5.6	64	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.165	-10.3	69	0.00
76 T	1,2,3-Trichloropropane	50.000	59.877	-19.8	75	0.00
77 T	Bromobenzene	50.000	53.810	-7.6	66	0.00
78 T	n-propylbenzene	50.000	51.513	-3.0	63	0.00
79 T	2-Chlorotoluene	50.000	50.845	-1.7	62	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.110	-4.2	64	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.286	1.4	60	0.00
82 T	4-Chlorotoluene	50.000	50.981	-2.0	62	0.00
83 T	tert-Butylbenzene	50.000	51.356	-2.7	63	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.301	-4.6	64	0.00
85 T	sec-Butylbenzene	50.000	51.998	-4.0	63	0.00
86 T	p-Isopropyltoluene	50.000	52.827	-5.7	64	0.00
87 T	1,3-Dichlorobenzene	50.000	54.391	-8.8	66	0.00
88 T	1,4-Dichlorobenzene	50.000	53.683	-7.4	65	0.00
89 T	n-Butylbenzene	50.000	50.876	-1.8	61	0.00
90 T	Hexachloroethane	50.000	50.952	-1.9	62	0.00
91 T	1,2-Dichlorobenzene	50.000	54.605	-9.2	66	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.908	-11.8	70	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.545	-3.1	61	0.00
94 T	Hexachlorobutadiene	50.000	50.611	-1.2	60	0.00
95 T	Naphthalene	50.000	55.698	-11.4	66	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.815	-5.6	63	0.00

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