

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015305.D
 Acq On : 24 Aug 2023 00:48
 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: Aug 24 02:41:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 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	63	0.00
2 T	Dichlorodifluoromethane	50.000	45.271	9.5	57	0.00
3 P	Chloromethane	50.000	48.383	3.2	60	0.00
4 C	Vinyl Chloride	50.000	45.514	9.0#	60	0.00
5 T	Bromomethane	50.000	60.950	-21.9	71	0.00
6 T	Chloroethane	50.000	50.779	-1.6	64	0.00
7 T	Trichlorofluoromethane	50.000	49.218	1.6	65	0.00
8 T	Diethyl Ether	50.000	54.468	-8.9	71	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.713	0.6	65	0.01
10 T	Methyl Iodide	50.000	43.520	13.0	52	0.00
11 T	Tert butyl alcohol	250.000	225.889	9.6	58	0.01
12 CM	1,1-Dichloroethene	50.000	48.242	3.5#	62	0.00
13 T	Acrolein	250.000	89.254	64.3#	34	0.00
14 T	Allyl chloride	50.000	49.565	0.9	63	0.00
15 T	Acrylonitrile	250.000	291.405	-16.6	74	0.00
16 T	Acetone	250.000	218.572	12.6	53	0.00
17 T	Carbon Disulfide	50.000	42.691	14.6	53	0.00
18 T	Methyl Acetate	50.000	57.686	-15.4	73	0.01
19 T	Methyl tert-butyl Ether	50.000	54.379	-8.8	69	0.01
20 T	Methylene Chloride	50.000	63.610	-27.2#	77	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.611	-1.2	65	0.00
22 T	Diisopropyl ether	50.000	56.057	-12.1	71	0.00
23 T	Vinyl Acetate	250.000	267.562	-7.0	67	0.00
24 P	1,1-Dichloroethane	50.000	53.990	-8.0	69	0.00
25 T	2-Butanone	250.000	270.741	-8.3	68	0.00
26 T	2,2-Dichloropropane	50.000	43.966	12.1	58	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.120	-8.2	70	0.00
28 T	Bromochloromethane	50.000	51.030	-2.1	66	0.00
29 T	Tetrahydrofuran	250.000	286.219	-14.5	73	0.00
30 C	Chloroform	50.000	55.009	-10.0#	71	0.00
31 T	Cyclohexane	50.000	50.553	-1.1	62	0.01
32 T	1,1,1-Trichloroethane	50.000	52.158	-4.3	67	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.267	-6.5	66	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	64	0.00
35 S	Dibromofluoromethane	50.000	52.410	-4.8	66	0.00
36 T	1,1-Dichloropropene	50.000	49.606	0.8	65	0.00
37 T	Ethyl Acetate	50.000	55.588	-11.2	74	0.00
38 T	Carbon Tetrachloride	50.000	49.168	1.7	65	0.00
39 T	Methylcyclohexane	50.000	46.671	6.7	61	0.00
40 TM	Benzene	50.000	52.787	-5.6	69	0.00
41 T	Methacrylonitrile	50.000	48.094	3.8	59	0.00
42 TM	1,2-Dichloroethane	50.000	54.111	-8.2	70	0.00
43 T	Isopropyl Acetate	50.000	54.296	-8.6	71	0.00
44 TM	Trichloroethene	50.000	51.579	-3.2	68	0.00
45 C	1,2-Dichloropropane	50.000	54.482	-9.0#	72	0.00
46 T	Dibromomethane	50.000	54.609	-9.2	70	0.00
47 T	Bromodichloromethane	50.000	55.342	-10.7	72	0.00
48 T	Methyl methacrylate	50.000	57.647	-15.3	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1038.319	-3.8	66	0.00
50 S	Toluene-d8	50.000	50.719	-1.4	64	0.00
51 T	4-Methyl-2-Pentanone	250.000	291.566	-16.6	75	0.00
52 CM	Toluene	50.000	51.543	-3.1#	67	0.00
53 T	t-1,3-Dichloropropene	50.000	49.744	0.5	65	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.604	-3.2	67	0.00
55 T	1,1,2-Trichloroethane	50.000	55.018	-10.0	72	0.00
56 T	Ethyl methacrylate	50.000	54.553	-9.1	69	0.00
57 T	1,3-Dichloropropane	50.000	54.929	-9.9	72	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	214.564	14.2	57	0.00
59 T	2-Hexanone	250.000	279.861	-11.9	72	0.00
60 T	Dibromochloromethane	50.000	54.142	-8.3	70	0.00
61 T	1,2-Dibromoethane	50.000	52.274	-4.5	68	0.00
62 S	4-Bromofluorobenzene	50.000	49.715	0.6	64	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	65	0.00
64 T	Tetrachloroethene	50.000	56.228	-12.5	75	0.00
65 PM	Chlorobenzene	50.000	51.211	-2.4	68	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.913	-5.8	70	0.00
67 C	Ethyl Benzene	50.000	50.565	-1.1#	68	0.00
68 T	m/p-Xylenes	100.000	100.670	-0.7	67	0.00
69 T	o-Xylene	50.000	50.612	-1.2	67	0.00
70 T	Styrene	50.000	52.571	-5.1	69	0.00
71 P	Bromoform	50.000	52.179	-4.4	69	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	65	0.00
73 T	Isopropylbenzene	50.000	50.304	-0.6	68	0.00
74 T	N-amyl acetate	50.000	52.620	-5.2	68	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.874	-9.7	72	0.00
76 T	1,2,3-Trichloropropane	50.000	58.267	-16.5	79	0.00
77 T	Bromobenzene	50.000	51.819	-3.6	70	0.00
78 T	n-propylbenzene	50.000	50.971	-1.9	69	0.00
79 T	2-Chlorotoluene	50.000	51.328	-2.7	69	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.837	-1.7	68	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.863	6.3	60	0.00
82 T	4-Chlorotoluene	50.000	51.257	-2.5	68	0.00
83 T	tert-Butylbenzene	50.000	51.069	-2.1	68	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.219	-2.4	68	0.00
85 T	sec-Butylbenzene	50.000	51.292	-2.6	69	0.00
86 T	p-Isopropyltoluene	50.000	50.641	-1.3	67	0.00
87 T	1,3-Dichlorobenzene	50.000	51.949	-3.9	69	0.00
88 T	1,4-Dichlorobenzene	50.000	51.966	-3.9	69	0.00
89 T	n-Butylbenzene	50.000	50.011	-0.0	66	0.00
90 T	Hexachloroethane	50.000	49.836	0.3	67	0.00
91 T	1,2-Dichlorobenzene	50.000	53.481	-7.0	71	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.074	-8.1	71	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.491	-1.0	67	0.00
94 T	Hexachlorobutadiene	50.000	48.201	3.6	66	0.00
95 T	Naphthalene	50.000	52.394	-4.8	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.031	-4.1	69	0.00

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