

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014488.D
 Acq On : 29 Jun 2023 09:38
 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: Jun 30 06:28:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	43.394	13.2	95	0.00
3 P	Chloromethane	50.000	45.674	8.7	92	0.00
4 C	Vinyl Chloride	50.000	46.832	6.3#	95	0.00
5 T	Bromomethane	50.000	44.297	11.4	94	0.00
6 T	Chloroethane	50.000	48.558	2.9	97	0.00
7 T	Trichlorofluoromethane	50.000	48.982	2.0	100	0.00
8 T	Diethyl Ether	50.000	47.111	5.8	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.780	0.4	101	0.00
10 T	Methyl Iodide	50.000	47.325	5.3	93	0.00
11 T	Tert butyl alcohol	250.000	217.593	13.0	81	-0.01
12 CM	1,1-Dichloroethene	50.000	49.750	0.5#	99	0.00
13 T	Acrolein	250.000	314.567	-25.8#	119	0.00
14 T	Allyl chloride	50.000	48.808	2.4	94	0.00
15 T	Acrylonitrile	250.000	241.277	3.5	93	0.00
16 T	Acetone	250.000	284.958	-14.0	100	0.00
17 T	Carbon Disulfide	50.000	48.135	3.7	93	0.00
18 T	Methyl Acetate	50.000	46.456	7.1	91	0.00
19 T	Methyl tert-butyl Ether	50.000	49.635	0.7	94	0.00
20 T	Methylene Chloride	50.000	45.834	8.3	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.778	-1.6	97	0.00
22 T	Diisopropyl ether	50.000	51.506	-3.0	98	0.00
23 T	Vinyl Acetate	250.000	264.845	-5.9	95	0.00
24 P	1,1-Dichloroethane	50.000	49.661	0.7	96	0.00
25 T	2-Butanone	250.000	258.537	-3.4	97	0.00
26 T	2,2-Dichloropropane	50.000	49.646	0.7	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.917	-1.8	98	0.00
28 T	Bromochloromethane	50.000	50.365	-0.7	93	0.00
29 T	Tetrahydrofuran	250.000	243.429	2.6	91	0.00
30 C	Chloroform	50.000	51.218	-2.4#	99	0.00
31 T	Cyclohexane	50.000	47.536	4.9	97	0.00
32 T	1,1,1-Trichloroethane	50.000	50.917	-1.8	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.738	2.5	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	53.798	-7.6	95	0.00
36 T	1,1-Dichloropropene	50.000	52.723	-5.4	98	0.00
37 T	Ethyl Acetate	50.000	50.471	-0.9	93	0.00
38 T	Carbon Tetrachloride	50.000	52.909	-5.8	100	0.00
39 T	Methylcyclohexane	50.000	53.283	-6.6	99	0.00
40 TM	Benzene	50.000	53.131	-6.3	98	0.00
41 T	Methacrylonitrile	50.000	53.551	-7.1	92	0.00
42 TM	1,2-Dichloroethane	50.000	51.721	-3.4	96	0.00
43 T	Isopropyl Acetate	50.000	50.390	-0.8	92	0.00
44 TM	Trichloroethene	50.000	51.813	-3.6	98	0.00
45 C	1,2-Dichloropropane	50.000	54.379	-8.8#	102	0.00
46 T	Dibromomethane	50.000	52.944	-5.9	98	0.00
47 T	Bromodichloromethane	50.000	53.429	-6.9	98	0.00
48 T	Methyl methacrylate	50.000	51.017	-2.0	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1043.062	-4.3	97	-0.02
50 S	Toluene-d8	50.000	52.783	-5.6	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	261.756	-4.7	94	0.00
52 CM	Toluene	50.000	53.610	-7.2#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	52.082	-4.2	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.036	-6.1	98	0.00
55 T	1,1,2-Trichloroethane	50.000	53.843	-7.7	98	0.00
56 T	Ethyl methacrylate	50.000	53.246	-6.5	93	0.00
57 T	1,3-Dichloropropane	50.000	53.125	-6.3	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	269.841	-7.9	92	0.00
59 T	2-Hexanone	250.000	278.811	-11.5	98	0.00
60 T	Dibromochloromethane	50.000	54.386	-8.8	99	0.00
61 T	1,2-Dibromoethane	50.000	53.603	-7.2	97	0.00
62 S	4-Bromofluorobenzene	50.000	52.634	-5.3	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	52.313	-4.6	100	0.00
65 PM	Chlorobenzene	50.000	52.225	-4.5	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.114	-6.2	99	0.00
67 C	Ethyl Benzene	50.000	53.269	-6.5#	97	0.00
68 T	m/p-Xylenes	100.000	107.137	-7.1	98	0.00
69 T	o-Xylene	50.000	53.406	-6.8	96	0.00
70 T	Styrene	50.000	53.860	-7.7	97	0.00
71 P	Bromoform	50.000	52.521	-5.0	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	52.556	-5.1	99	0.00
74 T	N-ethyl acetate	50.000	50.162	-0.3	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.153	-2.3	96	0.00
76 T	1,2,3-Trichloropropane	50.000	47.074	5.9	91	0.00
77 T	Bromobenzene	50.000	51.492	-3.0	98	0.00
78 T	n-propylbenzene	50.000	52.600	-5.2	98	0.00
79 T	2-Chlorotoluene	50.000	51.983	-4.0	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.298	-4.6	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.581	-1.2	94	0.00
82 T	4-Chlorotoluene	50.000	51.402	-2.8	96	0.00
83 T	tert-Butylbenzene	50.000	52.198	-4.4	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.535	-5.1	98	0.00
85 T	sec-Butylbenzene	50.000	52.620	-5.2	98	0.00
86 T	p-Isopropyltoluene	50.000	52.240	-4.5	97	0.00
87 T	1,3-Dichlorobenzene	50.000	51.791	-3.6	97	0.00
88 T	1,4-Dichlorobenzene	50.000	51.541	-3.1	98	0.00
89 T	n-Butylbenzene	50.000	51.903	-3.8	97	0.00
90 T	Hexachloroethane	50.000	51.776	-3.6	98	0.00
91 T	1,2-Dichlorobenzene	50.000	52.011	-4.0	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.003	2.0	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.729	0.5	92	0.00
94 T	Hexachlorobutadiene	50.000	47.794	4.4	92	0.00
95 T	Naphthalene	50.000	50.385	-0.8	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.503	1.0	92	0.00

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