

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012529.D
 Acq On : 07 Feb 2023 19:20
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 08 01:49:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	49.211	1.6	98	0.00
3 P	Chloromethane	50.000	46.630	6.7	101	0.00
4 C	Vinyl Chloride	50.000	46.406	7.2#	97	0.00
5 T	Bromomethane	50.000	50.692	-1.4	99	0.00
6 T	Chloroethane	50.000	45.772	8.5	96	0.00
7 T	Trichlorofluoromethane	50.000	46.347	7.3	95	0.00
8 T	Diethyl Ether	50.000	50.160	-0.3	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.612	4.8	95	0.00
10 T	Methyl Iodide	50.000	46.286	7.4	87	0.00
11 T	Tert butyl alcohol	250.000	228.843	8.5	106	0.00
12 CM	1,1-Dichloroethene	50.000	47.184	5.6#	96	0.00
13 T	Acrolein	250.000	261.067	-4.4	113	0.00
14 T	Allyl chloride	50.000	48.958	2.1	98	0.00
15 T	Acrylonitrile	250.000	272.674	-9.1	114	0.00
16 T	Acetone	250.000	211.784	15.3	84	0.00
17 T	Carbon Disulfide	50.000	44.087	11.8	94	0.00
18 T	Methyl Acetate	50.000	51.334	-2.7	116	0.00
19 T	Methyl tert-butyl Ether	50.000	52.506	-5.0	106	0.00
20 T	Methylene Chloride	50.000	54.118	-8.2	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.959	4.1	97	0.00
22 T	Diisopropyl ether	50.000	51.391	-2.8	100	0.00
23 T	Vinyl Acetate	250.000	270.299	-8.1	106	0.00
24 P	1,1-Dichloroethane	50.000	48.756	2.5	98	0.00
25 T	2-Butanone	250.000	248.286	0.7	104	0.00
26 T	2,2-Dichloropropane	50.000	46.801	6.4	94	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.718	0.6	99	0.00
28 T	Bromochloromethane	50.000	58.365	-16.7	110	0.00
29 T	Tetrahydrofuran	250.000	276.639	-10.7	117	0.00
30 C	Chloroform	50.000	49.025	2.0#	98	0.00
31 T	Cyclohexane	50.000	44.750	10.5	94	0.00
32 T	1,1,1-Trichloroethane	50.000	48.643	2.7	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.958	-5.9	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	52.531	-5.1	101	0.00
36 T	1,1-Dichloropropene	50.000	46.039	7.9	94	0.00
37 T	Ethyl Acetate	50.000	52.494	-5.0	114	0.00
38 T	Carbon Tetrachloride	50.000	46.747	6.5	96	0.00
39 T	Methylcyclohexane	50.000	46.253	7.5	93	0.00
40 TM	Benzene	50.000	47.313	5.4	97	0.00
41 T	Methacrylonitrile	50.000	52.349	-4.7	98	-0.01
42 TM	1,2-Dichloroethane	50.000	49.498	1.0	102	0.00
43 T	Isopropyl Acetate	50.000	53.571	-7.1	113	0.00
44 TM	Trichloroethene	50.000	48.075	3.8	99	0.00
45 C	1,2-Dichloropropane	50.000	49.297	1.4#	99	0.00
46 T	Dibromomethane	50.000	49.851	0.3	104	0.00
47 T	Bromodichloromethane	50.000	49.920	0.2	101	0.00
48 T	Methyl methacrylate	50.000	54.448	-8.9	115	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	1096.446	-9.6	117	0.00
50 S	Toluene-d8	50.000	51.701	-3.4	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	276.301	-10.5	116	0.00
52 CM	Toluene	50.000	47.916	4.2#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	50.450	-0.9	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.392	1.2	99	0.00
55 T	1,1,2-Trichloroethane	50.000	50.202	-0.4	103	0.00
56 T	Ethyl methacrylate	50.000	54.574	-9.1	111	0.00
57 T	1,3-Dichloropropane	50.000	50.659	-1.3	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	287.734	-15.1	117	0.00
59 T	2-Hexanone	250.000	266.015	-6.4	110	0.00
60 T	Dibromochloromethane	50.000	51.338	-2.7	103	0.00
61 T	1,2-Dibromoethane	50.000	51.570	-3.1	107	0.00
62 S	4-Bromofluorobenzene	50.000	51.079	-2.2	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	49.663	0.7	99	0.00
65 PM	Chlorobenzene	50.000	47.287	5.4	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.439	3.1	101	0.00
67 C	Ethyl Benzene	50.000	47.102	5.8#	96	0.00
68 T	m/p-Xylenes	100.000	94.160	5.8	96	0.00
69 T	o-Xylene	50.000	48.284	3.4	97	0.00
70 T	Styrene	50.000	48.605	2.8	99	0.00
71 P	Bromoform	50.000	51.570	-3.1	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	47.358	5.3	96	0.00
74 T	N-ethyl acetate	50.000	52.792	-5.6	112	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.894	0.2	110	0.00
76 T	1,2,3-Trichloropropane	50.000	52.165	-4.3	116	0.00
77 T	Bromobenzene	50.000	47.504	5.0	100	0.00
78 T	n-propylbenzene	50.000	47.230	5.5	96	0.00
79 T	2-Chlorotoluene	50.000	47.340	5.3	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.004	4.0	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.594	-1.2	109	0.00
82 T	4-Chlorotoluene	50.000	46.436	7.1	96	0.00
83 T	tert-Butylbenzene	50.000	47.657	4.7	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.038	3.9	97	0.00
85 T	sec-Butylbenzene	50.000	47.165	5.7	96	0.00
86 T	p-Isopropyltoluene	50.000	47.399	5.2	96	0.00
87 T	1,3-Dichlorobenzene	50.000	46.997	6.0	98	0.00
88 T	1,4-Dichlorobenzene	50.000	46.457	7.1	97	0.00
89 T	n-Butylbenzene	50.000	47.119	5.8	94	0.00
90 T	Hexachloroethane	50.000	46.941	6.1	97	0.00
91 T	1,2-Dichlorobenzene	50.000	47.404	5.2	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.231	-4.5	119	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.225	5.5	98	0.00
94 T	Hexachlorobutadiene	50.000	45.047	9.9	94	0.00
95 T	Naphthalene	50.000	51.483	-3.0	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.724	6.6	98	0.00

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