

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013954.D
 Acq On : 31 May 2023 22:25
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 01 03:33:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	47.281	5.4	68	0.00
3 P	Chloromethane	50.000	49.093	1.8	77	0.00
4 C	Vinyl Chloride	50.000	45.300	9.4#	69	0.00
5 T	Bromomethane	50.000	48.862	2.3	84	0.00
6 T	Chloroethane	50.000	48.475	3.0	79	0.00
7 T	Trichlorofluoromethane	50.000	45.136	9.7	71	0.00
8 T	Diethyl Ether	50.000	61.446	-22.9	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.988	10.0	72	0.00
10 T	Methyl Iodide	50.000	47.569	4.9	69	0.00
11 T	Tert butyl alcohol	250.000	687.349	-174.9#	220	-0.01
12 CM	1,1-Dichloroethene	50.000	45.498	9.0#	71	0.00
13 T	Acrolein	250.000	347.914	-39.2#	119	0.00
14 T	Allyl chloride	50.000	48.391	3.2	79	0.00
15 T	Acrylonitrile	250.000	377.407	-51.0#	120	0.00
16 T	Acetone	250.000	300.918	-20.4	98	0.00
17 T	Carbon Disulfide	50.000	43.716	12.6	66	0.00
18 T	Methyl Acetate	50.000	73.012	-46.0#	120	0.00
19 T	Methyl tert-butyl Ether	50.000	64.596	-29.2#	101	0.00
20 T	Methylene Chloride	50.000	55.924	-11.8	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.114	1.8	78	0.00
22 T	Diisopropyl ether	50.000	58.011	-16.0	92	0.00
23 T	Vinyl Acetate	250.000	333.255	-33.3#	102	0.00
24 P	1,1-Dichloroethane	50.000	50.597	-1.2	83	0.00
25 T	2-Butanone	250.000	371.569	-48.6#	118	0.00
26 T	2,2-Dichloropropane	50.000	44.755	10.5	73	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.048	-8.1	86	0.00
28 T	Bromochloromethane	50.000	50.612	-1.2	90	0.00
29 T	Tetrahydrofuran	250.000	428.133	-71.3#	127	0.00
30 C	Chloroform	50.000	54.163	-8.3#	88	0.00
31 T	Cyclohexane	50.000	42.106	15.8	67	0.00
32 T	1,1,1-Trichloroethane	50.000	48.046	3.9	77	0.00
33 S	1,2-Dichloroethane-d4	50.000	59.499	-19.0	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	52.822	-5.6	94	0.00
36 T	1,1-Dichloropropene	50.000	44.190	11.6	73	0.00
37 T	Ethyl Acetate	50.000	75.290	-50.6#	121	0.00
38 T	Carbon Tetrachloride	50.000	44.505	11.0	76	0.00
39 T	Methylcyclohexane	50.000	42.700	14.6	69	0.00
40 TM	Benzene	50.000	49.288	1.4	84	0.00
41 T	Methacrylonitrile	50.000	58.881	-17.8	111	0.00
42 TM	1,2-Dichloroethane	50.000	57.955	-15.9	98	0.00
43 T	Isopropyl Acetate	50.000	69.398	-38.8#	115	0.00
44 TM	Trichloroethene	50.000	46.269	7.5	79	0.00
45 C	1,2-Dichloropropane	50.000	52.310	-4.6#	90	0.00
46 T	Dibromomethane	50.000	59.030	-18.1	100	0.00
47 T	Bromodichloromethane	50.000	54.673	-9.3	95	0.00
48 T	Methyl methacrylate	50.000	67.228	-34.5#	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1657.844	-65.8#	133	0.00
50 S	Toluene-d8	50.000	46.782	6.4	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	385.020	-54.0#	124	0.00
52 CM	Toluene	50.000	49.546	0.9#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	56.764	-13.5	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.529	-7.1	90	0.00
55 T	1,1,2-Trichloroethane	50.000	60.498	-21.0	102	0.00
56 T	Ethyl methacrylate	50.000	66.971	-33.9#	107	0.00
57 T	1,3-Dichloropropane	50.000	59.641	-19.3	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.076	-6.0	103	0.00
59 T	2-Hexanone	250.000	390.083	-56.0#	123	0.00
60 T	Dibromochloromethane	50.000	58.165	-16.3	98	0.00
61 T	1,2-Dibromoethane	50.000	63.057	-26.1#	104	0.00
62 S	4-Bromofluorobenzene	50.000	53.696	-7.4	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	45.470	9.1	82	0.00
65 PM	Chlorobenzene	50.000	48.076	3.8	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.814	-1.6	94	0.00
67 C	Ethyl Benzene	50.000	45.694	8.6#	82	0.00
68 T	m/p-Xylenes	100.000	93.740	6.3	84	0.00
69 T	o-Xylene	50.000	48.431	3.1	87	0.00
70 T	Styrene	50.000	50.357	-0.7	90	0.00
71 P	Bromoform	50.000	59.376	-18.8	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	42.092	15.8	82	0.00
74 T	N-amyl acetate	50.000	59.707	-19.4	111	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	58.395	-16.8	113	0.00
76 T	1,2,3-Trichloropropane	50.000	54.701	-9.4	128	0.00
77 T	Bromobenzene	50.000	46.921	6.2	93	0.00
78 T	n-propylbenzene	50.000	42.273	15.5	82	0.00
79 T	2-Chlorotoluene	50.000	44.744	10.5	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.164	11.7	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.360	-14.7	107	0.00
82 T	4-Chlorotoluene	50.000	45.198	9.6	91	0.00
83 T	tert-Butylbenzene	50.000	43.315	13.4	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.643	8.7	88	0.00
85 T	sec-Butylbenzene	50.000	42.490	15.0	83	0.00
86 T	p-Isopropyltoluene	50.000	43.060	13.9	84	0.00
87 T	1,3-Dichlorobenzene	50.000	46.083	7.8	92	0.00
88 T	1,4-Dichlorobenzene	50.000	46.549	6.9	94	0.00
89 T	n-Butylbenzene	50.000	42.248	15.5	83	0.00
90 T	Hexachloroethane	50.000	42.156	15.7	86	0.00
91 T	1,2-Dichlorobenzene	50.000	48.082	3.8	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	63.643	-27.3#	122	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.775	4.5	94	0.00
94 T	Hexachlorobutadiene	50.000	40.423	19.2	82	0.00
95 T	Naphthalene	50.000	51.935	-3.9	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.982	0.0	98	0.00

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