

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015529.D
 Acq On : 14 Sep 2023 11:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 15 03:57:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	40.418	19.2	76	0.00
3 P	Chloromethane	50.000	45.410	9.2	85	0.00
4 C	Vinyl Chloride	50.000	43.969	12.1#	83	0.00
5 T	Bromomethane	50.000	44.682	10.6	85	0.00
6 T	Chloroethane	50.000	47.858	4.3	91	0.00
7 T	Trichlorofluoromethane	50.000	45.630	8.7	87	0.00
8 T	Diethyl Ether	50.000	54.532	-9.1	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.503	5.0	90	0.00
10 T	Methyl Iodide	50.000	50.770	-1.5	90	0.00
11 T	Tert butyl alcohol	250.000	275.216	-10.1	107	0.02
12 CM	1,1-Dichloroethene	50.000	47.868	4.3#	91	0.00
13 T	Acrolein	250.000	239.137	4.3	81	0.00
14 T	Allyl chloride	50.000	53.501	-7.0	99	0.00
15 T	Acrylonitrile	250.000	297.289	-18.9	106	0.00
16 T	Acetone	250.000	314.814	-25.9#	101	0.00
17 T	Carbon Disulfide	50.000	41.092	17.8	77	0.00
18 T	Methyl Acetate	50.000	62.140	-24.3	111	0.00
19 T	Methyl tert-butyl Ether	50.000	56.816	-13.6	103	0.00
20 T	Methylene Chloride	50.000	56.122	-12.2	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.452	1.1	93	0.00
22 T	Diisopropyl ether	50.000	56.559	-13.1	106	0.00
23 T	Vinyl Acetate	250.000	282.802	-13.1	102	0.00
24 P	1,1-Dichloroethane	50.000	53.947	-7.9	104	0.00
25 T	2-Butanone	250.000	310.116	-24.0	105	0.00
26 T	2,2-Dichloropropane	50.000	55.824	-11.6	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.073	-8.1	101	0.00
28 T	Bromochloromethane	50.000	57.289	-14.6	113	0.00
29 T	Tetrahydrofuran	250.000	293.829	-17.5	103	0.00
30 C	Chloroform	50.000	54.448	-8.9#	104	0.00
31 T	Cyclohexane	50.000	42.291	15.4	84	0.00
32 T	1,1,1-Trichloroethane	50.000	51.706	-3.4	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.229	-16.5	115	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	59.927	-19.9	121	0.00
36 T	1,1-Dichloropropene	50.000	45.878	8.2	92	0.00
37 T	Ethyl Acetate	50.000	54.700	-9.4	102	0.00
38 T	Carbon Tetrachloride	50.000	47.133	5.7	94	0.00
39 T	Methylcyclohexane	50.000	42.170	15.7	84	0.00
40 TM	Benzene	50.000	50.390	-0.8	100	0.00
41 T	Methacrylonitrile	50.000	52.826	-5.7	98	0.00
42 TM	1,2-Dichloroethane	50.000	51.471	-2.9	100	0.00
43 T	Isopropyl Acetate	50.000	56.750	-13.5	106	0.00
44 TM	Trichloroethene	50.000	49.368	1.3	99	0.00
45 C	1,2-Dichloropropane	50.000	54.092	-8.2#	106	0.00
46 T	Dibromomethane	50.000	52.722	-5.4	103	0.00
47 T	Bromodichloromethane	50.000	54.267	-8.5	106	0.00
48 T	Methyl methacrylate	50.000	55.468	-10.9	102	0.00

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

49 T	1,4-Dioxane	1000.000	1097.420	-9.7	102	0.02
50 S	Toluene-d8	50.000	54.800	-9.6	114	0.00
51 T	4-Methyl-2-Pentanone	250.000	291.894	-16.8	107	0.00
52 CM	Toluene	50.000	50.460	-0.9#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	54.722	-9.4	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.303	-8.6	105	0.00
55 T	1,1,2-Trichloroethane	50.000	54.895	-9.8	106	0.00
56 T	Ethyl methacrylate	50.000	56.812	-13.6	106	0.00
57 T	1,3-Dichloropropane	50.000	54.069	-8.1	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	285.346	-14.1	115	0.00
59 T	2-Hexanone	250.000	299.284	-19.7	107	0.00
60 T	Dibromochloromethane	50.000	56.098	-12.2	108	0.00
61 T	1,2-Dibromoethane	50.000	53.548	-7.1	102	0.00
62 S	4-Bromofluorobenzene	50.000	58.450	-16.9	120	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	50.255	-0.5	99	0.00
65 PM	Chlorobenzene	50.000	51.283	-2.6	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.008	-8.0	107	0.00
67 C	Ethyl Benzene	50.000	50.034	-0.1#	100	0.00
68 T	m/p-Xylenes	100.000	100.050	-0.0	100	0.00
69 T	o-Xylene	50.000	51.136	-2.3	101	0.00
70 T	Styrene	50.000	52.955	-5.9	103	0.00
71 P	Bromoform	50.000	57.319	-14.6	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	49.107	1.8	100	0.00
74 T	N-ethyl acetate	50.000	55.841	-11.7	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.914	-9.8	107	0.00
76 T	1,2,3-Trichloropropane	50.000	59.087	-18.2	113	0.00
77 T	Bromobenzene	50.000	50.605	-1.2	102	0.00
78 T	n-propylbenzene	50.000	49.246	1.5	98	0.00
79 T	2-Chlorotoluene	50.000	50.604	-1.2	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.806	0.4	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.254	-16.5	112	0.00
82 T	4-Chlorotoluene	50.000	50.749	-1.5	102	0.00
83 T	tert-Butylbenzene	50.000	49.075	1.8	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.432	-0.9	100	0.00
85 T	sec-Butylbenzene	50.000	49.237	1.5	99	0.00
86 T	p-Isopropyltoluene	50.000	49.598	0.8	98	0.00
87 T	1,3-Dichlorobenzene	50.000	51.651	-3.3	104	0.00
88 T	1,4-Dichlorobenzene	50.000	50.880	-1.8	103	0.00
89 T	n-Butylbenzene	50.000	49.932	0.1	100	0.00
90 T	Hexachloroethane	50.000	52.123	-4.2	104	0.00
91 T	1,2-Dichlorobenzene	50.000	52.222	-4.4	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.284	-10.6	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.633	-5.3	103	0.00
94 T	Hexachlorobutadiene	50.000	48.926	2.1	101	0.00
95 T	Naphthalene	50.000	55.218	-10.4	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.078	-6.2	105	0.00

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