

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090523\
 Data File : VY015440.D
 Acq On : 05 Sep 2023 19:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 06 01:47:31 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	116	0.00
2 T	Dichlorodifluoromethane	50.000	44.534	10.9	98	0.00
3 P	Chloromethane	50.000	47.368	5.3	103	0.00
4 C	Vinyl Chloride	50.000	46.367	7.3#	101	0.00
5 T	Bromomethane	50.000	48.976	2.0	108	-0.01
6 T	Chloroethane	50.000	47.533	4.9	105	0.00
7 T	Trichlorofluoromethane	50.000	45.130	9.7	100	0.00
8 T	Diethyl Ether	50.000	51.523	-3.0	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.830	8.3	101	-0.01
10 T	Methyl Iodide	50.000	47.700	4.6	98	0.00
11 T	Tert butyl alcohol	250.000	234.057	6.4	108	0.00
12 CM	1,1-Dichloroethene	50.000	47.414	5.2#	105	0.00
13 T	Acrolein	250.000	238.676	4.5	93	0.00
14 T	Allyl chloride	50.000	49.950	0.1	108	0.00
15 T	Acrylonitrile	250.000	275.907	-10.4	114	-0.01
16 T	Acetone	250.000	213.894	14.4	80	0.00
17 T	Carbon Disulfide	50.000	45.902	8.2	100	0.00
18 T	Methyl Acetate	50.000	56.901	-13.8	117	0.00
19 T	Methyl tert-butyl Ether	50.000	52.894	-5.8	112	0.00
20 T	Methylene Chloride	50.000	47.437	5.1	109	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.522	3.0	106	0.00
22 T	Diisopropyl ether	50.000	51.275	-2.5	112	0.00
23 T	Vinyl Acetate	250.000	258.331	-3.3	109	0.00
24 P	1,1-Dichloroethane	50.000	49.339	1.3	110	0.00
25 T	2-Butanone	250.000	265.260	-6.1	104	0.00
26 T	2,2-Dichloropropane	50.000	47.186	5.6	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.867	-1.7	111	0.00
28 T	Bromochloromethane	50.000	46.398	7.2	106	0.00
29 T	Tetrahydrofuran	250.000	281.776	-12.7	115	0.00
30 C	Chloroform	50.000	50.466	-0.9#	112	0.00
31 T	Cyclohexane	50.000	44.437	11.1	103	0.00
32 T	1,1,1-Trichloroethane	50.000	48.784	2.4	107	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.484	7.0	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	118	0.00
35 S	Dibromofluoromethane	50.000	46.464	7.1	107	0.00
36 T	1,1-Dichloropropene	50.000	46.738	6.5	107	0.00
37 T	Ethyl Acetate	50.000	53.712	-7.4	114	0.00
38 T	Carbon Tetrachloride	50.000	47.193	5.6	107	0.00
39 T	Methylcyclohexane	50.000	45.355	9.3	102	0.00
40 TM	Benzene	50.000	49.289	1.4	111	0.00
41 T	Methacrylonitrile	50.000	58.126	-16.3	122	0.00
42 TM	1,2-Dichloroethane	50.000	49.919	0.2	110	0.00
43 T	Isopropyl Acetate	50.000	54.270	-8.5	115	0.00
44 TM	Trichloroethene	50.000	48.629	2.7	111	0.00
45 C	1,2-Dichloropropane	50.000	49.849	0.3#	111	0.00
46 T	Dibromomethane	50.000	50.938	-1.9	113	0.00
47 T	Bromodichloromethane	50.000	50.669	-1.3	112	0.00
48 T	Methyl methacrylate	50.000	52.276	-4.6	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1111.214	-11.1	118	0.00
50 S	Toluene-d8	50.000	45.091	9.8	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	280.702	-12.3	117	0.00
52 CM	Toluene	50.000	49.474	1.1#	110	0.00
53 T	t-1,3-Dichloropropene	50.000	51.564	-3.1	111	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.594	0.8	109	0.00
55 T	1,1,2-Trichloroethane	50.000	52.070	-4.1	115	0.00
56 T	Ethyl methacrylate	50.000	54.518	-9.0	115	0.00
57 T	1,3-Dichloropropane	50.000	51.620	-3.2	114	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	244.274	2.3	112	0.00
59 T	2-Hexanone	250.000	277.925	-11.2	113	0.00
60 T	Dibromochloromethane	50.000	53.188	-6.4	116	0.00
61 T	1,2-Dibromoethane	50.000	52.685	-5.4	115	0.00
62 S	4-Bromofluorobenzene	50.000	47.816	4.4	112	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	120	0.00
64 T	Tetrachloroethene	50.000	52.528	-5.1	121	0.00
65 PM	Chlorobenzene	50.000	48.508	3.0	113	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.645	0.7	115	0.00
67 C	Ethyl Benzene	50.000	47.821	4.4#	111	0.00
68 T	m/p-Xylenes	100.000	95.585	4.4	111	0.00
69 T	o-Xylene	50.000	48.637	2.7	112	0.00
70 T	Styrene	50.000	49.989	0.0	113	0.00
71 P	Bromoform	50.000	53.329	-6.7	114	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	119	0.00
73 T	Isopropylbenzene	50.000	46.775	6.5	109	0.00
74 T	N-amyl acetate	50.000	53.833	-7.7	115	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.817	0.4	112	0.00
76 T	1,2,3-Trichloropropane	50.000	50.141	-0.3	111	0.00
77 T	Bromobenzene	50.000	48.888	2.2	114	0.00
78 T	n-propylbenzene	50.000	47.012	6.0	108	0.00
79 T	2-Chlorotoluene	50.000	47.990	4.0	111	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.442	5.1	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.695	0.6	110	0.00
82 T	4-Chlorotoluene	50.000	48.248	3.5	111	0.00
83 T	tert-Butylbenzene	50.000	46.980	6.0	108	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.338	3.3	111	0.00
85 T	sec-Butylbenzene	50.000	46.853	6.3	108	0.00
86 T	p-Isopropyltoluene	50.000	47.589	4.8	109	0.00
87 T	1,3-Dichlorobenzene	50.000	48.427	3.1	112	0.00
88 T	1,4-Dichlorobenzene	50.000	48.214	3.6	112	0.00
89 T	n-Butylbenzene	50.000	47.541	4.9	109	0.00
90 T	Hexachloroethane	50.000	48.525	3.0	112	0.00
91 T	1,2-Dichlorobenzene	50.000	49.419	1.2	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.427	-6.9	116	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.108	-2.2	115	0.00
94 T	Hexachlorobutadiene	50.000	48.180	3.6	115	0.00
95 T	Naphthalene	50.000	54.965	-9.9	118	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.477	-3.0	117	0.00

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