

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016844.D
 Acq On : 26 Dec 2023 10:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 27 01:30:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 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	94	0.00
2 T	Dichlorodifluoromethane	50.000	47.241	5.5	108	0.00
3 P	Chloromethane	50.000	49.836	0.3	113	0.00
4 C	Vinyl Chloride	50.000	51.953	-3.9#	111	0.00
5 T	Bromomethane	50.000	50.104	-0.2	114	0.00
6 T	Chloroethane	50.000	50.946	-1.9	112	0.00
7 T	Trichlorofluoromethane	50.000	51.999	-4.0	112	0.00
8 T	Diethyl Ether	50.000	47.570	4.9	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.541	-5.1	113	0.00
10 T	Methyl Iodide	50.000	48.182	3.6	98	0.00
11 T	Tert butyl alcohol	250.000	207.086	17.2	89	0.00
12 CM	1,1-Dichloroethene	50.000	53.214	-6.4#	111	0.00
13 T	Acrolein	250.000	187.771	24.9	67	0.00
14 T	Allyl chloride	50.000	53.561	-7.1	110	0.00
15 T	Acrylonitrile	250.000	241.837	3.3	95	0.00
16 T	Acetone	250.000	214.973	14.0	101	0.00
17 T	Carbon Disulfide	50.000	52.975	-6.0	108	0.00
18 T	Methyl Acetate	50.000	53.829	-7.7	97	0.00
19 T	Methyl tert-butyl Ether	50.000	48.436	3.1	99	0.00
20 T	Methylene Chloride	50.000	45.077	9.8	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.112	-8.2	112	0.00
22 T	Diisopropyl ether	50.000	53.473	-6.9	109	0.00
23 T	Vinyl Acetate	250.000	246.064	1.6	101	0.00
24 P	1,1-Dichloroethane	50.000	53.259	-6.5	111	0.00
25 T	2-Butanone	250.000	219.982	12.0	96	0.00
26 T	2,2-Dichloropropane	50.000	53.448	-6.9	114	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.602	-5.2	109	0.00
28 T	Bromochloromethane	50.000	53.405	-6.8	91	0.00
29 T	Tetrahydrofuran	250.000	240.551	3.8	93	0.00
30 C	Chloroform	50.000	52.682	-5.4#	111	0.00
31 T	Cyclohexane	50.000	51.637	-3.3	112	0.00
32 T	1,1,1-Trichloroethane	50.000	52.975	-6.0	112	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.453	1.1	81	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	52.128	-4.3	84	0.00
36 T	1,1-Dichloropropene	50.000	54.064	-8.1	111	0.00
37 T	Ethyl Acetate	50.000	48.111	3.8	93	0.00
38 T	Carbon Tetrachloride	50.000	54.131	-8.3	113	0.00
39 T	Methylcyclohexane	50.000	56.071	-12.1	112	0.00
40 TM	Benzene	50.000	54.523	-9.0	112	0.00
41 T	Methacrylonitrile	50.000	53.766	-7.5	95	0.00
42 TM	1,2-Dichloroethane	50.000	51.876	-3.8	104	0.00
43 T	Isopropyl Acetate	50.000	48.386	3.2	96	0.00
44 TM	Trichloroethene	50.000	53.340	-6.7	110	0.00
45 C	1,2-Dichloropropane	50.000	52.998	-6.0#	109	0.00
46 T	Dibromomethane	50.000	51.744	-3.5	105	0.00
47 T	Bromodichloromethane	50.000	52.288	-4.6	108	0.00
48 T	Methyl methacrylate	50.000	51.376	-2.8	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1057.000	-5.7	103	0.00
50 S	Toluene-d8	50.000	53.455	-6.9	85	0.00
51 T	4-Methyl-2-Pentanone	250.000	245.750	1.7	95	0.00
52 CM	Toluene	50.000	55.529	-11.1#	112	0.00
53 T	t-1,3-Dichloropropene	50.000	52.469	-4.9	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.216	-6.4	107	0.00
55 T	1,1,2-Trichloroethane	50.000	51.367	-2.7	104	0.00
56 T	Ethyl methacrylate	50.000	51.627	-3.3	98	0.00
57 T	1,3-Dichloropropane	50.000	51.133	-2.3	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.851	-8.7	74	0.00
59 T	2-Hexanone	250.000	229.669	8.1	94	0.00
60 T	Dibromochloromethane	50.000	52.456	-4.9	107	0.00
61 T	1,2-Dibromoethane	50.000	51.240	-2.5	103	0.00
62 S	4-Bromofluorobenzene	50.000	53.782	-7.6	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	53.970	-7.9	112	0.00
65 PM	Chlorobenzene	50.000	54.492	-9.0	111	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.020	-8.0	111	0.00
67 C	Ethyl Benzene	50.000	56.364	-12.7#	114	0.00
68 T	m/p-Xylenes	100.000	113.858	-13.9	114	0.00
69 T	o-Xylene	50.000	56.975	-14.0	113	0.00
70 T	Styrene	50.000	56.744	-13.5	111	0.00
71 P	Bromoform	50.000	51.419	-2.8	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	55.360	-10.7	116	0.00
74 T	N-amyl acetate	50.000	49.641	0.7	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.087	3.8	102	0.00
76 T	1,2,3-Trichloropropane	50.000	47.017	6.0	112	0.00
77 T	Bromobenzene	50.000	52.430	-4.9	111	0.00
78 T	n-propylbenzene	50.000	55.633	-11.3	116	0.00
79 T	2-Chlorotoluene	50.000	53.943	-7.9	113	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.139	-12.3	116	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.501	5.0	100	0.00
82 T	4-Chlorotoluene	50.000	54.509	-9.0	115	0.00
83 T	tert-Butylbenzene	50.000	56.084	-12.2	115	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.968	-11.9	115	0.00
85 T	sec-Butylbenzene	50.000	56.417	-12.8	118	0.00
86 T	p-Isopropyltoluene	50.000	57.387	-14.8	119	0.00
87 T	1,3-Dichlorobenzene	50.000	53.874	-7.7	116	0.00
88 T	1,4-Dichlorobenzene	50.000	53.544	-7.1	114	0.00
89 T	n-Butylbenzene	50.000	57.972	-15.9	118	0.00
90 T	Hexachloroethane	50.000	54.665	-9.3	119	0.00
91 T	1,2-Dichlorobenzene	50.000	53.386	-6.8	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.509	5.0	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.539	-13.1	116	0.00
94 T	Hexachlorobutadiene	50.000	59.382	-18.8	124	0.00
95 T	Naphthalene	50.000	47.315	5.4	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.560	-11.1	111	0.00

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