

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016224.D
 Acq On : 03 Nov 2023 21:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 03 23:09:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 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	0.01
2 T	Dichlorodifluoromethane	50.000	47.731	4.5	75	0.00
3 P	Chloromethane	50.000	47.803	4.4	80	0.00
4 C	Vinyl Chloride	50.000	50.849	-1.7#	82	0.00
5 T	Bromomethane	50.000	53.246	-6.5	90	0.01
6 T	Chloroethane	50.000	51.477	-3.0	86	0.01
7 T	Trichlorofluoromethane	50.000	51.680	-3.4	84	0.01
8 T	Diethyl Ether	50.000	56.020	-12.0	98	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.695	0.6	82	0.01
10 T	Methyl Iodide	50.000	54.780	-9.6	92	0.01
11 T	Tert butyl alcohol	250.000	267.173	-6.9	109	0.02
12 CM	1,1-Dichloroethene	50.000	50.120	-0.2#	84	0.01
13 T	Acrolein	250.000	214.348	14.3	83	0.01
14 T	Allyl chloride	50.000	57.541	-15.1	97	0.01
15 T	Acrylonitrile	250.000	285.600	-14.2	102	0.01
16 T	Acetone	250.000	260.874	-4.3	94	0.02
17 T	Carbon Disulfide	50.000	49.968	0.1	81	0.02
18 T	Methyl Acetate	50.000	59.634	-19.3	108	0.02
19 T	Methyl tert-butyl Ether	50.000	56.963	-13.9	99	0.02
20 T	Methylene Chloride	50.000	56.225	-12.5	96	0.02
21 T	trans-1,2-Dichloroethene	50.000	52.615	-5.2	88	0.02
22 T	Diisopropyl ether	50.000	57.167	-14.3	98	0.01
23 T	Vinyl Acetate	250.000	273.542	-9.4	95	0.02
24 P	1,1-Dichloroethane	50.000	55.676	-11.4	95	0.01
25 T	2-Butanone	250.000	268.223	-7.3	101	0.01
26 T	2,2-Dichloropropane	50.000	50.695	-1.4	84	0.02
27 T	cis-1,2-Dichloroethene	50.000	55.591	-11.2	94	0.01
28 T	Bromochloromethane	50.000	57.002	-14.0	95	0.01
29 T	Tetrahydrofuran	250.000	288.867	-15.5	103	0.01
30 C	Chloroform	50.000	55.691	-11.4#	94	0.01
31 T	Cyclohexane	50.000	47.293	5.4	82	0.01
32 T	1,1,1-Trichloroethane	50.000	52.447	-4.9	87	0.01
33 S	1,2-Dichloroethane-d4	50.000	56.004	-12.0	99	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.01
35 S	Dibromofluoromethane	50.000	51.623	-3.2	97	0.01
36 T	1,1-Dichloropropene	50.000	48.235	3.5	86	0.01
37 T	Ethyl Acetate	50.000	52.921	-5.8	100	0.02
38 T	Carbon Tetrachloride	50.000	53.515	-7.0	92	0.01
39 T	Methylcyclohexane	50.000	46.252	7.5	78	0.01
40 TM	Benzene	50.000	50.982	-2.0	93	0.00
41 T	Methacrylonitrile	50.000	56.709	-13.4	118	0.02
42 TM	1,2-Dichloroethane	50.000	52.946	-5.9	98	0.01
43 T	Isopropyl Acetate	50.000	53.155	-6.3	101	0.00
44 TM	Trichloroethene	50.000	49.648	0.7	89	0.00
45 C	1,2-Dichloropropane	50.000	54.554	-9.1#	97	0.00
46 T	Dibromomethane	50.000	52.239	-4.5	95	0.01
47 T	Bromodichloromethane	50.000	54.177	-8.4	99	0.00
48 T	Methyl methacrylate	50.000	51.647	-3.3	97	0.00

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

49 T	1,4-Dioxane	1000.000	1003.309	-0.3	97	0.00
50 S	Toluene-d8	50.000	52.722	-5.4	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.808	-9.9	103	0.00
52 CM	Toluene	50.000	51.351	-2.7#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	52.933	-5.9	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.492	-5.0	96	0.01
55 T	1,1,2-Trichloroethane	50.000	52.496	-5.0	97	0.00
56 T	Ethyl methacrylate	50.000	54.304	-8.6	99	0.00
57 T	1,3-Dichloropropane	50.000	52.597	-5.2	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	264.208	-5.7	99	0.01
59 T	2-Hexanone	250.000	269.668	-7.9	101	0.00
60 T	Dibromochloromethane	50.000	53.226	-6.5	98	0.00
61 T	1,2-Dibromoethane	50.000	52.245	-4.5	97	0.00
62 S	4-Bromofluorobenzene	50.000	51.284	-2.6	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	47.869	4.3	86	0.00
65 PM	Chlorobenzene	50.000	51.117	-2.2	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.394	-6.8	97	0.00
67 C	Ethyl Benzene	50.000	50.297	-0.6#	89	0.00
68 T	m/p-Xylenes	100.000	100.274	-0.3	89	0.00
69 T	o-Xylene	50.000	50.835	-1.7	91	0.00
70 T	Styrene	50.000	51.586	-3.2	93	0.00
71 P	Bromoform	50.000	54.297	-8.6	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	49.119	1.8	88	0.00
74 T	N-ethyl acetate	50.000	52.010	-4.0	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.680	-7.4	104	0.00
76 T	1,2,3-Trichloropropane	50.000	45.762	8.5	77	0.00
77 T	Bromobenzene	50.000	50.606	-1.2	94	0.00
78 T	n-propylbenzene	50.000	49.012	2.0	87	0.00
79 T	2-Chlorotoluene	50.000	50.301	-0.6	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.051	1.9	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.858	-5.7	100	0.00
82 T	4-Chlorotoluene	50.000	49.630	0.7	90	0.00
83 T	tert-Butylbenzene	50.000	50.499	-1.0	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.489	1.0	90	0.00
85 T	sec-Butylbenzene	50.000	48.719	2.6	86	0.00
86 T	p-Isopropyltoluene	50.000	48.792	2.4	86	0.00
87 T	1,3-Dichlorobenzene	50.000	49.447	1.1	90	0.00
88 T	1,4-Dichlorobenzene	50.000	49.717	0.6	93	0.00
89 T	n-Butylbenzene	50.000	47.404	5.2	84	0.00
90 T	Hexachloroethane	50.000	53.858	-7.7	96	0.00
91 T	1,2-Dichlorobenzene	50.000	51.192	-2.4	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.978	8.0	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.027	5.9	85	0.00
94 T	Hexachlorobutadiene	50.000	46.094	7.8	83	0.00
95 T	Naphthalene	50.000	46.968	6.1	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.793	6.4	87	0.00

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