

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014202.D
 Acq On : 16 Jun 2023 14:19
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 16 23:19:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	47.076	5.8	86	0.00
3 P	Chloromethane	50.000	47.177	5.6	89	0.00
4 C	Vinyl Chloride	50.000	49.257	1.5#	90	0.00
5 T	Bromomethane	50.000	42.371	15.3	86	-0.02
6 T	Chloroethane	50.000	45.764	8.5	88	-0.01
7 T	Trichlorofluoromethane	50.000	50.282	-0.6	92	-0.02
8 T	Diethyl Ether	50.000	45.874	8.3	86	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.095	-2.2	90	-0.01
10 T	Methyl Iodide	50.000	50.010	-0.0	87	-0.01
11 T	Tert butyl alcohol	250.000	298.831	-19.5	114	-0.02
12 CM	1,1-Dichloroethene	50.000	48.974	2.1#	90	-0.01
13 T	Acrolein	250.000	336.745	-34.7#	118	0.00
14 T	Allyl chloride	50.000	49.199	1.6	89	-0.01
15 T	Acrylonitrile	250.000	230.792	7.7	86	-0.01
16 T	Acetone	250.000	258.582	-3.4	108	-0.01
17 T	Carbon Disulfide	50.000	47.373	5.3	87	-0.01
18 T	Methyl Acetate	50.000	45.433	9.1	89	0.00
19 T	Methyl tert-butyl Ether	50.000	46.992	6.0	83	-0.01
20 T	Methylene Chloride	50.000	59.016	-18.0	103	-0.01
21 T	trans-1,2-Dichloroethene	50.000	48.996	2.0	87	-0.01
22 T	Diisopropyl ether	50.000	49.894	0.2	89	0.00
23 T	Vinyl Acetate	250.000	243.454	2.6	87	-0.01
24 P	1,1-Dichloroethane	50.000	49.608	0.8	91	0.00
25 T	2-Butanone	250.000	249.079	0.4	99	-0.01
26 T	2,2-Dichloropropane	50.000	50.049	-0.1	92	-0.01
27 T	cis-1,2-Dichloroethene	50.000	49.989	0.0	92	0.00
28 T	Bromochloromethane	50.000	47.195	5.6	91	0.00
29 T	Tetrahydrofuran	250.000	232.972	6.8	90	0.00
30 C	Chloroform	50.000	50.417	-0.8#	92	0.00
31 T	Cyclohexane	50.000	50.084	-0.2	93	0.00
32 T	1,1,1-Trichloroethane	50.000	50.101	-0.2	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.697	8.6	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	52.153	-4.3	96	0.00
36 T	1,1-Dichloropropene	50.000	52.547	-5.1	93	-0.01
37 T	Ethyl Acetate	50.000	45.498	9.0	83	0.00
38 T	Carbon Tetrachloride	50.000	51.816	-3.6	91	0.00
39 T	Methylcyclohexane	50.000	54.432	-8.9	93	0.00
40 TM	Benzene	50.000	50.859	-1.7	91	0.00
41 T	Methacrylonitrile	50.000	45.108	9.8	93	-0.01
42 TM	1,2-Dichloroethane	50.000	49.299	1.4	90	0.00
43 T	Isopropyl Acetate	50.000	48.082	3.8	87	0.00
44 TM	Trichloroethene	50.000	51.708	-3.4	91	0.00
45 C	1,2-Dichloropropane	50.000	50.027	-0.1#	90	0.00
46 T	Dibromomethane	50.000	47.944	4.1	88	0.00
47 T	Bromodichloromethane	50.000	50.783	-1.6	91	0.00
48 T	Methyl methacrylate	50.000	49.267	1.5	89	0.00

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

49 T	1,4-Dioxane	1000.000	1009.523	-1.0	89	-0.02
50 S	Toluene-d8	50.000	47.785	4.4	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	240.969	3.6	88	0.00
52 CM	Toluene	50.000	51.462	-2.9#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	50.127	-0.3	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.977	0.0	90	0.00
55 T	1,1,2-Trichloroethane	50.000	49.772	0.5	90	0.00
56 T	Ethyl methacrylate	50.000	48.366	3.3	83	0.00
57 T	1,3-Dichloropropane	50.000	48.989	2.0	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	289.031	-15.6	108	0.00
59 T	2-Hexanone	250.000	248.259	0.7	92	0.00
60 T	Dibromochloromethane	50.000	50.403	-0.8	91	0.00
61 T	1,2-Dibromoethane	50.000	48.121	3.8	87	0.00
62 S	4-Bromofluorobenzene	50.000	54.492	-9.0	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	51.594	-3.2	93	0.00
65 PM	Chlorobenzene	50.000	51.070	-2.1	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.880	-3.8	92	0.00
67 C	Ethyl Benzene	50.000	53.180	-6.4#	93	0.00
68 T	m/p-Xylenes	100.000	106.534	-6.5	94	0.00
69 T	o-Xylene	50.000	53.338	-6.7	93	0.00
70 T	Styrene	50.000	54.063	-8.1	95	0.00
71 P	Bromoform	50.000	50.559	-1.1	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	51.830	-3.7	93	0.00
74 T	N-ethyl acetate	50.000	48.303	3.4	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.514	5.0	91	0.00
76 T	1,2,3-Trichloropropane	50.000	46.550	6.9	83	0.00
77 T	Bromobenzene	50.000	49.384	1.2	91	0.00
78 T	n-propylbenzene	50.000	52.341	-4.7	94	0.00
79 T	2-Chlorotoluene	50.000	51.441	-2.9	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.457	-4.9	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.378	5.2	87	0.00
82 T	4-Chlorotoluene	50.000	51.288	-2.6	94	0.00
83 T	tert-Butylbenzene	50.000	52.533	-5.1	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.449	-6.9	97	0.00
85 T	sec-Butylbenzene	50.000	54.413	-8.8	97	0.00
86 T	p-Isopropyltoluene	50.000	53.338	-6.7	96	0.00
87 T	1,3-Dichlorobenzene	50.000	51.027	-2.1	95	0.00
88 T	1,4-Dichlorobenzene	50.000	50.906	-1.8	96	0.00
89 T	n-Butylbenzene	50.000	53.899	-7.8	97	0.00
90 T	Hexachloroethane	50.000	51.828	-3.7	96	0.00
91 T	1,2-Dichlorobenzene	50.000	51.367	-2.7	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.828	8.3	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.158	-2.3	96	0.00
94 T	Hexachlorobutadiene	50.000	53.654	-7.3	99	0.00
95 T	Naphthalene	50.000	49.429	1.1	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.221	-0.4	97	0.00

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