

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015134.D
 Acq On : 16 Aug 2023 04:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 16 04:28:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 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	75	0.01
2 T	Dichlorodifluoromethane	50.000	48.321	3.4	72	0.00
3 P	Chloromethane	50.000	55.677	-11.4	81	0.00
4 C	Vinyl Chloride	50.000	50.475	-1.0#	79	0.00
5 T	Bromomethane	50.000	59.602	-19.2	83	0.01
6 T	Chloroethane	50.000	55.096	-10.2	83	0.00
7 T	Trichlorofluoromethane	50.000	50.134	-0.3	79	0.01
8 T	Diethyl Ether	50.000	51.297	-2.6	79	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.898	4.2	75	0.01
10 T	Methyl Iodide	50.000	54.397	-8.8	77	0.01
11 T	Tert butyl alcohol	250.000	209.574	16.2	64	0.02
12 CM	1,1-Dichloroethene	50.000	49.883	0.2#	76	0.01
13 T	Acrolein	250.000	194.460	22.2	67	0.02
14 T	Allyl chloride	50.000	47.646	4.7	72	0.01
15 T	Acrylonitrile	250.000	266.043	-6.4	80	0.02
16 T	Acetone	250.000	194.970	22.0	57	0.01
17 T	Carbon Disulfide	50.000	48.990	2.0	72	0.01
18 T	Methyl Acetate	50.000	62.765	-25.5#	94	0.02
19 T	Methyl tert-butyl Ether	50.000	51.012	-2.0	77	0.02
20 T	Methylene Chloride	50.000	57.730	-15.5	84	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.851	-3.7	79	0.01
22 T	Diisopropyl ether	50.000	49.865	0.3	76	0.02
23 T	Vinyl Acetate	250.000	225.588	9.8	67	0.02
24 P	1,1-Dichloroethane	50.000	51.845	-3.7	79	0.01
25 T	2-Butanone	250.000	236.441	5.4	71	0.01
26 T	2,2-Dichloropropane	50.000	37.782	24.4	60	0.02
27 T	cis-1,2-Dichloroethene	50.000	52.552	-5.1	81	0.01
28 T	Bromochloromethane	50.000	49.406	1.2	76	0.00
29 T	Tetrahydrofuran	250.000	259.120	-3.6	78	0.01
30 C	Chloroform	50.000	52.209	-4.4#	80	0.01
31 T	Cyclohexane	50.000	49.690	0.6	73	0.01
32 T	1,1,1-Trichloroethane	50.000	51.741	-3.5	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.752	-7.5	80	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.01
35 S	Dibromofluoromethane	50.000	52.837	-5.7	81	0.00
36 T	1,1-Dichloropropene	50.000	47.527	4.9	75	0.01
37 T	Ethyl Acetate	50.000	47.195	5.6	76	0.01
38 T	Carbon Tetrachloride	50.000	48.962	2.1	78	0.00
39 T	Methylcyclohexane	50.000	46.858	6.3	74	0.01
40 TM	Benzene	50.000	50.559	-1.1	80	0.01
41 T	Methacrylonitrile	50.000	47.494	5.0	70	0.00
42 TM	1,2-Dichloroethane	50.000	50.819	-1.6	80	0.00
43 T	Isopropyl Acetate	50.000	47.803	4.4	75	0.00
44 TM	Trichloroethene	50.000	50.267	-0.5	80	0.00
45 C	1,2-Dichloropropane	50.000	49.502	1.0#	79	0.01
46 T	Dibromomethane	50.000	51.582	-3.2	80	0.01
47 T	Bromodichloromethane	50.000	50.960	-1.9	80	0.00
48 T	Methyl methacrylate	50.000	50.846	-1.7	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	987.251	1.3	76	0.01
50 S	Toluene-d8	50.000	51.583	-3.2	79	0.00
51 T	4-Methyl-2-Pentanone	250.000	257.843	-3.1	80	0.00
52 CM	Toluene	50.000	49.672	0.7#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	45.728	8.5	72	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.004	8.0	72	0.01
55 T	1,1,2-Trichloroethane	50.000	50.363	-0.7	80	0.00
56 T	Ethyl methacrylate	50.000	49.485	1.0	76	0.00
57 T	1,3-Dichloropropane	50.000	50.093	-0.2	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	237.993	4.8	77	0.01
59 T	2-Hexanone	250.000	252.749	-1.1	78	0.00
60 T	Dibromochloromethane	50.000	51.879	-3.8	81	0.00
61 T	1,2-Dibromoethane	50.000	50.962	-1.9	80	0.00
62 S	4-Bromofluorobenzene	50.000	49.616	0.8	77	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64 T	Tetrachloroethene	50.000	56.569	-13.1	89	0.00
65 PM	Chlorobenzene	50.000	50.293	-0.6	79	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.855	-3.7	81	0.00
67 C	Ethyl Benzene	50.000	49.395	1.2#	78	0.01
68 T	m/p-Xylenes	100.000	99.623	0.4	78	0.00
69 T	o-Xylene	50.000	50.217	-0.4	79	0.00
70 T	Styrene	50.000	50.796	-1.6	80	0.00
71 P	Bromoform	50.000	51.414	-2.8	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73 T	Isopropylbenzene	50.000	49.759	0.5	79	0.00
74 T	N-ethyl acetate	50.000	45.606	8.8	69	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.022	-2.0	79	0.00
76 T	1,2,3-Trichloropropane	50.000	50.393	-0.8	81	0.00
77 T	Bromobenzene	50.000	50.835	-1.7	81	0.00
78 T	n-propylbenzene	50.000	49.091	1.8	78	0.00
79 T	2-Chlorotoluene	50.000	50.059	-0.1	79	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.419	1.2	77	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.492	13.0	66	0.00
82 T	4-Chlorotoluene	50.000	49.726	0.5	78	0.00
83 T	tert-Butylbenzene	50.000	50.609	-1.2	80	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.826	0.3	78	0.00
85 T	sec-Butylbenzene	50.000	49.964	0.1	79	0.00
86 T	p-Isopropyltoluene	50.000	49.365	1.3	77	0.00
87 T	1,3-Dichlorobenzene	50.000	49.892	0.2	79	0.00
88 T	1,4-Dichlorobenzene	50.000	48.945	2.1	77	0.00
89 T	n-Butylbenzene	50.000	46.600	6.8	73	0.00
90 T	Hexachloroethane	50.000	49.545	0.9	79	0.00
91 T	1,2-Dichlorobenzene	50.000	50.973	-1.9	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.444	-4.9	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.486	7.0	73	0.00
94 T	Hexachlorobutadiene	50.000	48.480	3.0	78	0.00
95 T	Naphthalene	50.000	50.672	-1.3	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.138	1.7	77	0.00

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