

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018884.D
 Acq On : 19 Jul 2024 16:18
 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: Jul 19 23:06:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	45.068	9.9	73	0.00
3 P	Chloromethane	50.000	42.128	15.7	72	0.00
4 C	Vinyl Chloride	50.000	45.825	8.3#	76	0.00
5 T	Bromomethane	50.000	46.860	6.3	86	0.00
6 T	Chloroethane	50.000	45.760	8.5	80	0.00
7 T	Trichlorofluoromethane	50.000	45.676	8.6	75	0.01
8 T	Diethyl Ether	50.000	47.711	4.6	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.719	6.6	76	0.00
10 T	Methyl Iodide	50.000	52.074	-4.1	81	0.00
11 T	Tert butyl alcohol	250.000	177.177	29.1#	82	0.00
12 CM	1,1-Dichloroethene	50.000	44.984	10.0#	76	0.01
13 T	Acrolein	250.000	156.763	37.3#	59	0.00
14 T	Allyl chloride	50.000	46.757	6.5	80	0.00
15 T	Acrylonitrile	250.000	251.804	-0.7	86	0.00
16 T	Acetone	250.000	250.765	-0.3	89	0.00
17 T	Carbon Disulfide	50.000	43.751	12.5	72	0.00
18 T	Methyl Acetate	50.000	44.428	11.1	84	0.00
19 T	Methyl tert-butyl Ether	50.000	49.248	1.5	83	0.00
20 T	Methylene Chloride	50.000	48.453	3.1	81	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.007	6.0	79	0.00
22 T	Diisopropyl ether	50.000	48.905	2.2	86	0.00
23 T	Vinyl Acetate	250.000	251.296	-0.5	84	0.00
24 P	1,1-Dichloroethane	50.000	48.149	3.7	84	0.00
25 T	2-Butanone	250.000	250.397	-0.2	87	0.00
26 T	2,2-Dichloropropane	50.000	46.768	6.5	81	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.266	5.5	83	0.00
28 T	Bromochloromethane	50.000	53.472	-6.9	93	0.00
29 T	Tetrahydrofuran	250.000	253.448	-1.4	85	0.00
30 C	Chloroform	50.000	49.148	1.7#	86	0.00
31 T	Cyclohexane	50.000	42.978	14.0	75	0.00
32 T	1,1,1-Trichloroethane	50.000	49.238	1.5	82	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.665	4.7	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	51.614	-3.2	83	0.00
36 T	1,1-Dichloropropene	50.000	47.070	5.9	78	0.00
37 T	Ethyl Acetate	50.000	52.158	-4.3	85	0.00
38 T	Carbon Tetrachloride	50.000	49.565	0.9	80	0.00
39 T	Methylcyclohexane	50.000	48.220	3.6	78	0.00
40 TM	Benzene	50.000	49.691	0.6	85	0.00
41 T	Methacrylonitrile	50.000	43.032	13.9	78	-0.04
42 TM	1,2-Dichloroethane	50.000	49.758	0.5	84	0.00
43 T	Isopropyl Acetate	50.000	50.151	-0.3	84	0.00
44 TM	Trichloroethene	50.000	49.688	0.6	85	0.00
45 C	1,2-Dichloropropane	50.000	48.605	2.8#	83	0.00
46 T	Dibromomethane	50.000	51.208	-2.4	84	0.00
47 T	Bromodichloromethane	50.000	52.332	-4.7	88	0.00
48 T	Methyl methacrylate	50.000	46.975	6.0	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1070.062	-7.0	89	0.00
50 S	Toluene-d8	50.000	47.373	5.3	75	0.00
51 T	4-Methyl-2-Pentanone	250.000	258.982	-3.6	85	0.00
52 CM	Toluene	50.000	49.202	1.6#	83	0.00
53 T	t-1,3-Dichloropropene	50.000	50.625	-1.3	85	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.610	0.8	82	0.00
55 T	1,1,2-Trichloroethane	50.000	51.174	-2.3	87	0.00
56 T	Ethyl methacrylate	50.000	52.199	-4.4	86	0.00
57 T	1,3-Dichloropropane	50.000	51.259	-2.5	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.436	-3.4	80	0.00
59 T	2-Hexanone	250.000	257.635	-3.1	83	0.00
60 T	Dibromochloromethane	50.000	53.540	-7.1	89	0.00
61 T	1,2-Dibromoethane	50.000	52.526	-5.1	86	0.00
62 S	4-Bromofluorobenzene	50.000	49.788	0.4	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	51.497	-3.0	86	0.00
65 PM	Chlorobenzene	50.000	50.241	-0.5	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.531	-3.1	88	0.00
67 C	Ethyl Benzene	50.000	48.370	3.3#	82	0.00
68 T	m/p-Xylenes	100.000	99.211	0.8	84	0.00
69 T	o-Xylene	50.000	49.950	0.1	84	0.00
70 T	Styrene	50.000	50.383	-0.8	85	0.00
71 P	Bromoform	50.000	54.474	-8.9	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	48.243	3.5	82	0.00
74 T	N-ethyl acetate	50.000	48.114	3.8	78	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.341	3.3	83	0.00
76 T	1,2,3-Trichloropropane	50.000	50.150	-0.3	93	0.00
77 T	Bromobenzene	50.000	49.362	1.3	86	0.00
78 T	n-propylbenzene	50.000	47.927	4.1	82	0.00
79 T	2-Chlorotoluene	50.000	47.890	4.2	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.351	3.3	83	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.094	1.8	80	0.00
82 T	4-Chlorotoluene	50.000	47.415	5.2	82	0.00
83 T	tert-Butylbenzene	50.000	48.799	2.4	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.484	3.0	84	0.00
85 T	sec-Butylbenzene	50.000	48.321	3.4	81	0.00
86 T	p-Isopropyltoluene	50.000	49.228	1.5	84	0.00
87 T	1,3-Dichlorobenzene	50.000	49.228	1.5	85	0.00
88 T	1,4-Dichlorobenzene	50.000	48.827	2.3	86	0.00
89 T	n-Butylbenzene	50.000	47.263	5.5	79	0.00
90 T	Hexachloroethane	50.000	47.637	4.7	81	0.00
91 T	1,2-Dichlorobenzene	50.000	50.028	-0.1	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.146	5.7	75	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.848	0.3	82	0.00
94 T	Hexachlorobutadiene	50.000	49.874	0.3	81	0.00
95 T	Naphthalene	50.000	50.431	-0.9	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.918	0.2	83	0.00

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