

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018161.D
 Acq On : 06 May 2024 16:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 07 01:14:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 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	70	0.00
2 T	Dichlorodifluoromethane	50.000	48.928	2.1	66	0.00
3 P	Chloromethane	50.000	53.590	-7.2	71	0.00
4 C	Vinyl Chloride	50.000	57.799	-15.6#	74	0.00
5 T	Bromomethane	50.000	65.997	-32.0#	85	0.00
6 T	Chloroethane	50.000	60.230	-20.5	75	0.00
7 T	Trichlorofluoromethane	50.000	50.119	-0.2	64	0.00
8 T	Diethyl Ether	50.000	50.962	-1.9	64	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.623	-1.2	66	-0.01
10 T	Methyl Iodide	50.000	50.714	-1.4	61	0.00
11 T	Tert butyl alcohol	250.000	221.952	11.2	58	-0.01
12 CM	1,1-Dichloroethene	50.000	51.921	-3.8#	67	-0.01
13 T	Acrolein	250.000	172.527	31.0#	48	0.00
14 T	Allyl chloride	50.000	52.387	-4.8	67	-0.01
15 T	Acrylonitrile	250.000	255.920	-2.4	63	-0.01
16 T	Acetone	250.000	238.245	4.7	55	-0.01
17 T	Carbon Disulfide	50.000	51.993	-4.0	66	0.00
18 T	Methyl Acetate	50.000	48.041	3.9	62	0.00
19 T	Methyl tert-butyl Ether	50.000	47.475	5.0	59	-0.01
20 T	Methylene Chloride	50.000	50.518	-1.0	69	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.409	-6.8	67	-0.01
22 T	Diisopropyl ether	50.000	50.313	-0.6	65	-0.01
23 T	Vinyl Acetate	250.000	237.152	5.1	59	-0.01
24 P	1,1-Dichloroethane	50.000	52.983	-6.0	68	-0.01
25 T	2-Butanone	250.000	225.935	9.6	53	0.00
26 T	2,2-Dichloropropane	50.000	50.575	-1.2	65	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.302	-4.6	67	0.00
28 T	Bromochloromethane	50.000	44.262	11.5	63	-0.01
29 T	Tetrahydrofuran	250.000	228.496	8.6	56	-0.01
30 C	Chloroform	50.000	52.271	-4.5#	67	0.00
31 T	Cyclohexane	50.000	49.046	1.9	66	0.00
32 T	1,1,1-Trichloroethane	50.000	49.804	0.4	64	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.254	11.5	56	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	73	0.00
35 S	Dibromofluoromethane	50.000	44.707	10.6	60	-0.01
36 T	1,1-Dichloropropene	50.000	49.773	0.5	66	0.00
37 T	Ethyl Acetate	50.000	44.148	11.7	56	0.00
38 T	Carbon Tetrachloride	50.000	46.977	6.0	62	-0.01
39 T	Methylcyclohexane	50.000	48.061	3.9	65	0.00
40 TM	Benzene	50.000	50.392	-0.8	67	0.00
41 T	Methacrylonitrile	50.000	45.243	9.5	66	-0.03
42 TM	1,2-Dichloroethane	50.000	45.894	8.2	60	-0.01
43 T	Isopropyl Acetate	50.000	41.991	16.0	54	0.00
44 TM	Trichloroethene	50.000	48.176	3.6	64	0.00
45 C	1,2-Dichloropropane	50.000	50.149	-0.3#	67	0.00
46 T	Dibromomethane	50.000	45.057	9.9	60	0.00
47 T	Bromodichloromethane	50.000	47.132	5.7	62	0.00
48 T	Methyl methacrylate	50.000	41.592	16.8	54	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1005.400	-0.5	63	-0.01
50 S	Toluene-d8	50.000	44.802	10.4	60	0.00
51 T	4-Methyl-2-Pentanone	250.000	210.547	15.8	54	0.00
52 CM	Toluene	50.000	48.696	2.6#	65	0.00
53 T	t-1,3-Dichloropropene	50.000	44.955	10.1	59	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.592	4.8	62	0.00
55 T	1,1,2-Trichloroethane	50.000	45.947	8.1	60	0.00
56 T	Ethyl methacrylate	50.000	42.897	14.2	56	0.00
57 T	1,3-Dichloropropane	50.000	46.994	6.0	61	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	226.317	9.5	61	0.00
59 T	2-Hexanone	250.000	206.416	17.4	50	0.00
60 T	Dibromochloromethane	50.000	44.840	10.3	58	0.00
61 T	1,2-Dibromoethane	50.000	44.744	10.5	57	0.00
62 S	4-Bromofluorobenzene	50.000	40.527	18.9	56	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	73	0.00
64 T	Tetrachloroethene	50.000	45.876	8.2	62	0.00
65 PM	Chlorobenzene	50.000	47.980	4.0	64	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.388	9.2	60	0.00
67 C	Ethyl Benzene	50.000	48.143	3.7#	64	0.00
68 T	m/p-Xylenes	100.000	96.642	3.4	64	0.00
69 T	o-Xylene	50.000	48.287	3.4	65	0.00
70 T	Styrene	50.000	47.174	5.7	62	0.00
71 P	Bromoform	50.000	41.155	17.7	53	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	68	0.00
73 T	Isopropylbenzene	50.000	49.817	0.4	64	0.00
74 T	N-amyl acetate	50.000	42.545	14.9	51	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.266	9.5	56	0.00
76 T	1,2,3-Trichloropropane	50.000	44.472	11.1	56	0.00
77 T	Bromobenzene	50.000	48.978	2.0	61	0.00
78 T	n-propylbenzene	50.000	50.703	-1.4	64	0.00
79 T	2-Chlorotoluene	50.000	48.581	2.8	62	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.088	1.8	62	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.271	13.5	52	0.00
82 T	4-Chlorotoluene	50.000	48.003	4.0	60	0.00
83 T	tert-Butylbenzene	50.000	49.502	1.0	62	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.027	1.9	62	0.00
85 T	sec-Butylbenzene	50.000	50.044	-0.1	63	0.00
86 T	p-Isopropyltoluene	50.000	50.317	-0.6	63	0.00
87 T	1,3-Dichlorobenzene	50.000	48.745	2.5	61	0.00
88 T	1,4-Dichlorobenzene	50.000	48.304	3.4	60	0.00
89 T	n-Butylbenzene	50.000	51.108	-2.2	64	0.00
90 T	Hexachloroethane	50.000	48.321	3.4	61	0.00
91 T	1,2-Dichlorobenzene	50.000	47.993	4.0	59	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	39.357	21.3	48	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.022	2.0	59	0.00
94 T	Hexachlorobutadiene	50.000	50.801	-1.6	65	0.00
95 T	Naphthalene	50.000	45.719	8.6	54	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.605	4.8	57	0.00

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