

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018105.D
 Acq On : 02 May 2024 09:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 02 22:57:42 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	42.671	14.7	69	0.00
3 P	Chloromethane	50.000	48.414	3.2	76	0.00
4 C	Vinyl Chloride	50.000	48.428	3.1#	74	0.00
5 T	Bromomethane	50.000	55.383	-10.8	86	0.00
6 T	Chloroethane	50.000	49.897	0.2	74	0.00
7 T	Trichlorofluoromethane	50.000	45.980	8.0	70	0.00
8 T	Diethyl Ether	50.000	49.514	1.0	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.835	8.3	71	0.00
10 T	Methyl Iodide	50.000	49.922	0.2	72	0.00
11 T	Tert butyl alcohol	250.000	254.285	-1.7	80	0.00
12 CM	1,1-Dichloroethene	50.000	46.974	6.1#	72	-0.01
13 T	Acrolein	250.000	266.253	-6.5	89	0.00
14 T	Allyl chloride	50.000	47.981	4.0	73	-0.01
15 T	Acrylonitrile	250.000	263.679	-5.5	78	-0.01
16 T	Acetone	250.000	264.093	-5.6	72	0.00
17 T	Carbon Disulfide	50.000	47.423	5.2	72	0.00
18 T	Methyl Acetate	50.000	48.783	2.4	76	-0.01
19 T	Methyl tert-butyl Ether	50.000	50.123	-0.2	75	-0.01
20 T	Methylene Chloride	50.000	46.197	7.6	76	-0.01
21 T	trans-1,2-Dichloroethene	50.000	49.123	1.8	74	-0.01
22 T	Diisopropyl ether	50.000	49.028	1.9	76	0.00
23 T	Vinyl Acetate	250.000	252.581	-1.0	76	-0.01
24 P	1,1-Dichloroethane	50.000	48.830	2.3	75	-0.01
25 T	2-Butanone	250.000	261.489	-4.6	73	0.00
26 T	2,2-Dichloropropane	50.000	47.959	4.1	74	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.425	1.2	75	0.00
28 T	Bromochloromethane	50.000	50.816	-1.6	87	-0.01
29 T	Tetrahydrofuran	250.000	253.961	-1.6	74	0.00
30 C	Chloroform	50.000	48.752	2.5#	75	0.00
31 T	Cyclohexane	50.000	44.131	11.7	71	0.00
32 T	1,1,1-Trichloroethane	50.000	47.525	5.0	73	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.787	-5.6	80	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	50.800	-1.6	80	0.00
36 T	1,1-Dichloropropene	50.000	46.296	7.4	72	0.00
37 T	Ethyl Acetate	50.000	51.585	-3.2	76	0.00
38 T	Carbon Tetrachloride	50.000	45.240	9.5	71	-0.01
39 T	Methylcyclohexane	50.000	44.846	10.3	71	0.00
40 TM	Benzene	50.000	47.611	4.8	74	0.00
41 T	Methacrylonitrile	50.000	51.833	-3.7	88	-0.03
42 TM	1,2-Dichloroethane	50.000	48.079	3.8	74	0.00
43 T	Isopropyl Acetate	50.000	49.587	0.8	75	0.00
44 TM	Trichloroethene	50.000	47.071	5.9	73	0.00
45 C	1,2-Dichloropropane	50.000	48.268	3.5#	76	0.00
46 T	Dibromomethane	50.000	47.360	5.3	74	0.00
47 T	Bromodichloromethane	50.000	47.644	4.7	74	0.00
48 T	Methyl methacrylate	50.000	49.274	1.5	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1021.207	-2.1	75	0.00
50 S	Toluene-d8	50.000	50.095	-0.2	79	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.997	-1.2	76	0.00
52 CM	Toluene	50.000	46.760	6.5#	73	0.00
53 T	t-1,3-Dichloropropene	50.000	48.697	2.6	74	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.538	2.9	74	0.00
55 T	1,1,2-Trichloroethane	50.000	49.451	1.1	75	0.00
56 T	Ethyl methacrylate	50.000	49.074	1.9	75	0.00
57 T	1,3-Dichloropropane	50.000	49.906	0.2	76	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.688	-4.7	83	0.00
59 T	2-Hexanone	250.000	259.118	-3.6	74	0.00
60 T	Dibromochloromethane	50.000	48.837	2.3	74	0.00
61 T	1,2-Dibromoethane	50.000	49.918	0.2	75	0.00
62 S	4-Bromofluorobenzene	50.000	49.441	1.1	80	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	44.011	12.0	71	0.00
65 PM	Chlorobenzene	50.000	46.855	6.3	74	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.504	7.0	74	0.00
67 C	Ethyl Benzene	50.000	46.073	7.9#	73	0.00
68 T	m/p-Xylenes	100.000	92.395	7.6	74	0.00
69 T	o-Xylene	50.000	46.622	6.8	75	0.00
70 T	Styrene	50.000	46.899	6.2	74	0.00
71 P	Bromoform	50.000	47.465	5.1	72	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	45.062	9.9	73	0.00
74 T	N-amyl acetate	50.000	47.915	4.2	73	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.404	3.2	76	0.00
76 T	1,2,3-Trichloropropane	50.000	48.095	3.8	76	0.00
77 T	Bromobenzene	50.000	46.696	6.6	74	0.00
78 T	n-propylbenzene	50.000	45.179	9.6	72	0.00
79 T	2-Chlorotoluene	50.000	45.491	9.0	73	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.911	10.2	72	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.345	5.3	72	0.00
82 T	4-Chlorotoluene	50.000	45.570	8.9	73	0.00
83 T	tert-Butylbenzene	50.000	45.373	9.3	72	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.131	7.7	74	0.00
85 T	sec-Butylbenzene	50.000	45.371	9.3	73	0.00
86 T	p-Isopropyltoluene	50.000	46.063	7.9	74	0.00
87 T	1,3-Dichlorobenzene	50.000	46.839	6.3	74	0.00
88 T	1,4-Dichlorobenzene	50.000	46.762	6.5	74	0.00
89 T	n-Butylbenzene	50.000	46.387	7.2	74	0.00
90 T	Hexachloroethane	50.000	44.910	10.2	72	0.00
91 T	1,2-Dichlorobenzene	50.000	46.779	6.4	73	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.454	7.1	72	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.187	1.6	75	0.00
94 T	Hexachlorobutadiene	50.000	47.782	4.4	78	0.00
95 T	Naphthalene	50.000	50.401	-0.8	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.001	-0.0	76	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6