

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041724\
 Data File : VY017950.D
 Acq On : 17 Apr 2024 09:03
 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: Apr 18 01:41:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 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	103	0.00
2 T	Dichlorodifluoromethane	50.000	43.863	12.3	93	0.00
3 P	Chloromethane	50.000	44.751	10.5	97	0.00
4 C	Vinyl Chloride	50.000	46.141	7.7#	95	0.00
5 T	Bromomethane	50.000	46.065	7.9	94	0.00
6 T	Chloroethane	50.000	46.081	7.8	96	0.00
7 T	Trichlorofluoromethane	50.000	46.077	7.8	94	0.00
8 T	Diethyl Ether	50.000	44.827	10.3	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.768	8.5	93	0.00
10 T	Methyl Iodide	50.000	48.910	2.2	97	0.00
11 T	Tert butyl alcohol	250.000	210.429	15.8	87	0.00
12 CM	1,1-Dichloroethene	50.000	46.403	7.2#	94	0.00
13 T	Acrolein	250.000	237.619	5.0	100	0.00
14 T	Allyl chloride	50.000	47.483	5.0	94	0.00
15 T	Acrylonitrile	250.000	222.828	10.9	90	0.00
16 T	Acetone	250.000	242.648	2.9	96	0.00
17 T	Carbon Disulfide	50.000	46.222	7.6	95	0.00
18 T	Methyl Acetate	50.000	40.839	18.3	89	0.00
19 T	Methyl tert-butyl Ether	50.000	46.554	6.9	92	0.00
20 T	Methylene Chloride	50.000	43.712	12.6	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.649	6.7	94	0.00
22 T	Diisopropyl ether	50.000	47.926	4.1	94	0.00
23 T	Vinyl Acetate	250.000	236.521	5.4	91	0.00
24 P	1,1-Dichloroethane	50.000	47.097	5.8	95	0.00
25 T	2-Butanone	250.000	236.759	5.3	92	0.00
26 T	2,2-Dichloropropane	50.000	48.003	4.0	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.167	5.7	94	0.00
28 T	Bromochloromethane	50.000	51.694	-3.4	104	0.00
29 T	Tetrahydrofuran	250.000	226.061	9.6	90	0.00
30 C	Chloroform	50.000	46.772	6.5#	96	0.00
31 T	Cyclohexane	50.000	45.604	8.8	94	0.00
32 T	1,1,1-Trichloroethane	50.000	46.899	6.2	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.398	-0.8	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	51.864	-3.7	100	0.00
36 T	1,1-Dichloropropene	50.000	47.608	4.8	94	0.00
37 T	Ethyl Acetate	50.000	45.610	8.8	91	0.00
38 T	Carbon Tetrachloride	50.000	47.633	4.7	94	0.00
39 T	Methylcyclohexane	50.000	46.984	6.0	90	0.00
40 TM	Benzene	50.000	47.315	5.4	94	0.00
41 T	Methacrylonitrile	50.000	44.969	10.1	89	-0.02
42 TM	1,2-Dichloroethane	50.000	46.403	7.2	93	0.00
43 T	Isopropyl Acetate	50.000	45.355	9.3	89	0.00
44 TM	Trichloroethene	50.000	47.349	5.3	94	0.00
45 C	1,2-Dichloropropane	50.000	46.970	6.1#	93	0.00
46 T	Dibromomethane	50.000	46.229	7.5	92	0.00
47 T	Bromodichloromethane	50.000	47.360	5.3	93	0.00
48 T	Methyl methacrylate	50.000	46.188	7.6	89	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	856.581	14.3	83	0.00
50 S	Toluene-d8	50.000	53.816	-7.6	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	232.472	7.0	89	0.00
52 CM	Toluene	50.000	48.436	3.1#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	47.115	5.8	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.468	5.1	92	0.00
55 T	1,1,2-Trichloroethane	50.000	45.537	8.9	90	0.00
56 T	Ethyl methacrylate	50.000	47.138	5.7	89	0.00
57 T	1,3-Dichloropropane	50.000	45.874	8.3	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	237.855	4.9	93	0.00
59 T	2-Hexanone	250.000	243.592	2.6	91	0.00
60 T	Dibromochloromethane	50.000	46.454	7.1	91	0.00
61 T	1,2-Dibromoethane	50.000	45.822	8.4	90	0.00
62 S	4-Bromofluorobenzene	50.000	52.588	-5.2	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	47.379	5.2	90	0.00
65 PM	Chlorobenzene	50.000	47.891	4.2	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.404	3.2	94	0.00
67 C	Ethyl Benzene	50.000	49.390	1.2#	93	0.00
68 T	m/p-Xylenes	100.000	98.129	1.9	92	0.00
69 T	o-Xylene	50.000	49.066	1.9	92	0.00
70 T	Styrene	50.000	50.080	-0.2	92	0.00
71 P	Bromoform	50.000	46.187	7.6	88	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	49.903	0.2	92	0.00
74 T	N-amyl acetate	50.000	47.424	5.2	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.272	7.5	89	0.00
76 T	1,2,3-Trichloropropane	50.000	45.540	8.9	89	0.00
77 T	Bromobenzene	50.000	48.294	3.4	90	0.00
78 T	n-propylbenzene	50.000	49.588	0.8	91	0.00
79 T	2-Chlorotoluene	50.000	49.073	1.9	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.844	0.3	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.256	5.5	88	0.00
82 T	4-Chlorotoluene	50.000	48.243	3.5	90	0.00
83 T	tert-Butylbenzene	50.000	49.913	0.2	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.674	0.7	91	0.00
85 T	sec-Butylbenzene	50.000	48.668	2.7	89	0.00
86 T	p-Isopropyltoluene	50.000	49.200	1.6	89	0.00
87 T	1,3-Dichlorobenzene	50.000	47.703	4.6	90	0.00
88 T	1,4-Dichlorobenzene	50.000	46.791	6.4	89	0.00
89 T	n-Butylbenzene	50.000	48.008	4.0	87	0.00
90 T	Hexachloroethane	50.000	47.456	5.1	90	0.00
91 T	1,2-Dichlorobenzene	50.000	46.779	6.4	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.120	13.8	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.325	11.3	84	0.00
94 T	Hexachlorobutadiene	50.000	43.500	13.0	83	0.00
95 T	Naphthalene	50.000	44.872	10.3	82	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	44.260	11.5	83	0.00

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