

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018015.D
 Acq On : 23 Apr 2024 09:05
 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 24 01:10:05 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	74	0.00
2 T	Dichlorodifluoromethane	50.000	51.319	-2.6	78	0.00
3 P	Chloromethane	50.000	53.039	-6.1	83	0.00
4 C	Vinyl Chloride	50.000	52.682	-5.4#	77	0.00
5 T	Bromomethane	50.000	57.648	-15.3	84	0.00
6 T	Chloroethane	50.000	54.615	-9.2	81	0.01
7 T	Trichlorofluoromethane	50.000	54.732	-9.5	80	0.00
8 T	Diethyl Ether	50.000	56.693	-13.4	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	56.193	-12.4	82	0.00
10 T	Methyl Iodide	50.000	57.320	-14.6	82	0.00
11 T	Tert butyl alcohol	250.000	215.395	13.8	63	0.00
12 CM	1,1-Dichloroethene	50.000	57.542	-15.1#	83	0.00
13 T	Acrolein	250.000	363.257	-45.3#	109	0.00
14 T	Allyl chloride	50.000	63.485	-27.0#	90	0.00
15 T	Acrylonitrile	250.000	282.673	-13.1	81	0.00
16 T	Acetone	250.000	292.821	-17.1	83	0.00
17 T	Carbon Disulfide	50.000	56.802	-13.6	83	0.01
18 T	Methyl Acetate	50.000	51.021	-2.0	80	0.00
19 T	Methyl tert-butyl Ether	50.000	54.754	-9.5	77	0.00
20 T	Methylene Chloride	50.000	55.903	-11.8	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	58.894	-17.8	85	0.00
22 T	Diisopropyl ether	50.000	64.109	-28.2#	90	0.00
23 T	Vinyl Acetate	250.000	303.118	-21.2	84	0.00
24 P	1,1-Dichloroethane	50.000	60.778	-21.6	87	0.00
25 T	2-Butanone	250.000	286.048	-14.4	80	0.00
26 T	2,2-Dichloropropane	50.000	59.372	-18.7	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.940	-17.9	84	0.00
28 T	Bromochloromethane	50.000	59.164	-18.3	85	0.00
29 T	Tetrahydrofuran	250.000	270.945	-8.4	77	0.00
30 C	Chloroform	50.000	58.664	-17.3#	86	0.00
31 T	Cyclohexane	50.000	55.915	-11.8	82	0.00
32 T	1,1,1-Trichloroethane	50.000	57.871	-15.7	83	0.00
33 S	1,2-Dichloroethane-d4	50.000	57.905	-15.8	81	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35 S	Dibromofluoromethane	50.000	57.902	-15.8	83	0.00
36 T	1,1-Dichloropropene	50.000	56.240	-12.5	82	0.00
37 T	Ethyl Acetate	50.000	53.114	-6.2	78	0.00
38 T	Carbon Tetrachloride	50.000	55.316	-10.6	81	0.00
39 T	Methylcyclohexane	50.000	53.790	-7.6	76	0.00
40 TM	Benzene	50.000	58.381	-16.8	86	0.00
41 T	Methacrylonitrile	50.000	51.906	-3.8	76	-0.02
42 TM	1,2-Dichloroethane	50.000	55.431	-10.9	82	0.00
43 T	Isopropyl Acetate	50.000	52.498	-5.0	76	0.00
44 TM	Trichloroethene	50.000	55.521	-11.0	82	0.00
45 C	1,2-Dichloropropane	50.000	59.741	-19.5#	88	0.00
46 T	Dibromomethane	50.000	53.312	-6.6	79	0.00
47 T	Bromodichloromethane	50.000	57.067	-14.1	83	0.00
48 T	Methyl methacrylate	50.000	54.560	-9.1	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	933.449	6.7	67	0.00
50 S	Toluene-d8	50.000	59.786	-19.6	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	268.632	-7.5	77	0.00
52 CM	Toluene	50.000	57.784	-15.6#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	56.132	-12.3	81	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.307	-14.6	83	0.00
55 T	1,1,2-Trichloroethane	50.000	53.418	-6.8	79	0.00
56 T	Ethyl methacrylate	50.000	52.787	-5.6	74	0.00
57 T	1,3-Dichloropropane	50.000	54.598	-9.2	80	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	266.036	-6.4	78	0.00
59 T	2-Hexanone	250.000	284.263	-13.7	79	0.00
60 T	Dibromochloromethane	50.000	53.165	-6.3	77	0.00
61 T	1,2-Dibromoethane	50.000	52.061	-4.1	76	0.00
62 S	4-Bromofluorobenzene	50.000	56.102	-12.2	78	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64 T	Tetrachloroethene	50.000	53.327	-6.7	77	0.00
65 PM	Chlorobenzene	50.000	56.496	-13.0	83	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.584	-13.2	83	0.00
67 C	Ethyl Benzene	50.000	58.920	-17.8#	83	0.00
68 T	m/p-Xylenes	100.000	115.488	-15.5	81	0.00
69 T	o-Xylene	50.000	57.593	-15.2	81	0.00
70 T	Styrene	50.000	58.544	-17.1	81	0.00
71 P	Bromoform	50.000	49.981	0.0	72	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	71	0.00
73 T	Isopropylbenzene	50.000	60.471	-20.9	81	0.00
74 T	N-amyl acetate	50.000	56.505	-13.0	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.262	-8.5	76	0.00
76 T	1,2,3-Trichloropropane	50.000	51.728	-3.5	73	0.00
77 T	Bromobenzene	50.000	57.151	-14.3	77	0.00
78 T	n-propylbenzene	50.000	61.799	-23.6	82	0.00
79 T	2-Chlorotoluene	50.000	60.398	-20.8	82	0.00
80 T	1,3,5-Trimethylbenzene	50.000	60.775	-21.5	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.745	-9.5	74	0.00
82 T	4-Chlorotoluene	50.000	59.165	-18.3	80	0.00
83 T	tert-Butylbenzene	50.000	59.955	-19.9	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	60.027	-20.1	79	0.00
85 T	sec-Butylbenzene	50.000	59.205	-18.4	78	0.00
86 T	p-Isopropyltoluene	50.000	59.323	-18.6	78	0.00
87 T	1,3-Dichlorobenzene	50.000	56.511	-13.0	77	0.00
88 T	1,4-Dichlorobenzene	50.000	55.612	-11.2	77	0.00
89 T	n-Butylbenzene	50.000	59.728	-19.5	78	0.00
90 T	Hexachloroethane	50.000	58.232	-16.5	80	0.00
91 T	1,2-Dichlorobenzene	50.000	55.128	-10.3	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.940	4.1	67	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.988	-2.0	70	0.00
94 T	Hexachlorobutadiene	50.000	51.922	-3.8	71	0.00
95 T	Naphthalene	50.000	47.674	4.7	63	0.01

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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	49.225	1.5	67	0.00

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