

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy111519\
 Data File : VY000716.D
 Acq On : 15 Nov 2019 20:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 16 03:33:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	85	0.00
2 T	Dichlorodifluoromethane	50.000	52.099	-4.2	85	0.00
3 P	Chloromethane	50.000	50.267	-0.5	85	0.00
4 C	Vinyl Chloride	50.000	51.405	-2.8#	86	0.00
5 T	Bromomethane	50.000	67.775	-35.6#	120	0.00
6 T	Chloroethane	50.000	54.388	-8.8	93	0.00
7 T	Trichlorofluoromethane	50.000	55.481	-11.0	95	0.00
8 T	Diethyl Ether	50.000	55.192	-10.4	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.374	-10.7	96	0.00
10 T	Methyl Iodide	50.000	39.616	20.8#	69	0.00
11 T	Tert butyl alcohol	250.000	284.684	-13.9	105	0.00
12 CM	1,1-Dichloroethene	50.000	55.282	-10.6#	90	0.00
13 T	Acrolein	250.000	214.725	14.1	74	0.00
14 T	Allyl chloride	50.000	59.468	-18.9	100	0.00
15 T	Acrylonitrile	250.000	301.179	-20.5#	103	0.00
16 T	Acetone	250.000	235.693	5.7	73	0.00
17 T	Carbon Disulfide	50.000	52.465	-4.9	89	0.00
18 T	Methyl Acetate	50.000	60.847	-21.7#	110	0.00
19 T	Methyl tert-butyl Ether	50.000	58.532	-17.1	100	0.00
20 T	Methylene Chloride	50.000	53.349	-6.7	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.688	-11.4	94	0.00
22 T	Diisopropyl ether	50.000	60.972	-21.9#	103	0.00
23 T	Vinyl Acetate	250.000	303.587	-21.4#	102	0.00
24 P	1,1-Dichloroethane	50.000	57.689	-15.4	99	0.00
25 T	2-Butanone	250.000	272.618	-9.0	90	0.00
26 T	2,2-Dichloropropane	50.000	52.541	-5.1	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.286	-16.6	99	0.00
28 T	Bromochloromethane	50.000	56.654	-13.3	90	0.00
29 T	Tetrahydrofuran	250.000	305.596	-22.2#	105	0.00
30 C	Chloroform	50.000	60.348	-20.7#	103	0.00
31 T	Cyclohexane	50.000	51.466	-2.9	90	0.00
32 T	1,1,1-Trichloroethane	50.000	56.428	-12.9	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	60.577	-21.2#	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	52.490	-5.0	89	0.00
36 T	1,1-Dichloropropene	50.000	53.665	-7.3	96	0.00
37 T	Ethyl Acetate	50.000	56.383	-12.8	104	0.00
38 T	Carbon Tetrachloride	50.000	54.417	-8.8	95	0.00
39 T	Methylcyclohexane	50.000	52.519	-5.0	91	0.00
40 TM	Benzene	50.000	55.323	-10.6	98	0.00
41 T	Methacrylonitrile	50.000	59.571	-19.1	114	-0.01
42 TM	1,2-Dichloroethane	50.000	59.627	-19.3	105	0.00
43 T	Isopropyl Acetate	50.000	58.538	-17.1	105	0.00
44 TM	Trichloroethene	50.000	54.891	-9.8	98	0.00
45 C	1,2-Dichloropropane	50.000	56.592	-13.2#	100	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	57.354	-14.7	101	0.00
47 T	Bromodichloromethane	50.000	58.773	-17.5	101	0.00
48 T	Methyl methacrylate	50.000	60.525	-21.0#	109	0.00
49 T	1,4-Dioxane	1000.000	1253.085	-25.3#	109	0.00
50 S	Toluene-d8	50.000	55.682	-11.4	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	299.672	-19.9	105	0.00
52 CM	Toluene	50.000	55.523	-11.0#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	58.679	-17.4	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.046	-14.1	99	0.00
55 T	1,1,2-Trichloroethane	50.000	57.453	-14.9	101	0.00
56 T	Ethyl methacrylate	50.000	60.099	-20.2#	101	0.00
57 T	1,3-Dichloropropane	50.000	58.617	-17.2	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.815	-6.3	89	0.00
59 T	2-Hexanone	250.000	279.423	-11.8	94	0.00
60 T	Dibromochloromethane	50.000	58.083	-16.2	100	0.00
61 T	1,2-Dibromoethane	50.000	57.887	-15.8	100	0.00
62 S	4-Bromofluorobenzene	50.000	53.798	-7.6	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	51.604	-3.2	94	0.00
65 PM	Chlorobenzene	50.000	54.470	-8.9	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.095	-12.2	99	0.00
67 C	Ethyl Benzene	50.000	55.467	-10.9#	99	0.00
68 T	m/p-Xylenes	100.000	108.456	-8.5	96	0.00
69 T	o-Xylene	50.000	55.058	-10.1	100	0.00
70 T	Styrene	50.000	56.424	-12.8	99	0.00
71 P	Bromoform	50.000	57.949	-15.9	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	55.176	-10.4	99	0.00
74 T	N-amyl acetate	50.000	57.607	-15.2	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.762	-15.5	106	0.00
76 T	1,2,3-Trichloropropane	50.000	49.660	0.7	81	0.00
77 T	Bromobenzene	50.000	54.324	-8.6	99	0.00
78 T	n-propylbenzene	50.000	54.720	-9.4	98	0.00
79 T	2-Chlorotoluene	50.000	56.209	-12.4	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.235	-10.5	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.191	-12.4	98	0.00
82 T	4-Chlorotoluene	50.000	55.950	-11.9	100	0.00
83 T	tert-Butylbenzene	50.000	53.947	-7.9	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.537	-13.1	99	0.00
85 T	sec-Butylbenzene	50.000	56.130	-12.3	98	0.00
86 T	p-Isopropyltoluene	50.000	55.327	-10.7	97	0.00
87 T	1,3-Dichlorobenzene	50.000	54.270	-8.5	98	0.00
88 T	1,4-Dichlorobenzene	50.000	54.363	-8.7	97	0.00
89 T	n-Butylbenzene	50.000	55.118	-10.2	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.057	-12.1	98	0.00
91 T	1,2-Dichlorobenzene	50.000	55.950	-11.9	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.723	-11.4	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.791	-5.6	98	0.00
94 T	Hexachlorobutadiene	50.000	51.650	-3.3	91	0.00
95 T	Naphthalene	50.000	53.496	-7.0	97	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.567	-7.1	96	0.00

(#) = Out of Range

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