

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy110719\
 Data File : VY000597.D
 Acq On : 07 Nov 2019 22:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 08 09:48:00 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	112	0.00
2 T	Dichlorodifluoromethane	50.000	52.285	-4.6	113	0.00
3 P	Chloromethane	50.000	52.070	-4.1	116	0.00
4 C	Vinyl Chloride	50.000	52.467	-4.9#	116	0.00
5 T	Bromomethane	50.000	56.971	-13.9	134	0.00
6 T	Chloroethane	50.000	55.133	-10.3	125	0.00
7 T	Trichlorofluoromethane	50.000	53.739	-7.5	122	0.00
8 T	Diethyl Ether	50.000	59.972	-19.9	134	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.101	-6.2	122	0.00
10 T	Methyl Iodide	50.000	52.411	-4.8	123	0.00
11 T	Tert butyl alcohol	250.000	290.728	-16.3	142	0.00
12 CM	1,1-Dichloroethene	50.000	53.342	-6.7#	115	0.00
13 T	Acrolein	250.000	300.776	-20.3#	137	0.00
14 T	Allyl chloride	50.000	60.272	-20.5#	134	0.00
15 T	Acrylonitrile	250.000	309.213	-23.7#	140	0.00
16 T	Acetone	250.000	253.755	-1.5	104	0.00
17 T	Carbon Disulfide	50.000	53.176	-6.4	119	0.00
18 T	Methyl Acetate	50.000	62.786	-25.6#	151	0.00
19 T	Methyl tert-butyl Ether	50.000	60.434	-20.9#	136	0.00
20 T	Methylene Chloride	50.000	53.068	-6.1	130	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.075	-10.2	123	0.00
22 T	Diisopropyl ether	50.000	62.916	-25.8#	140	0.00
23 T	Vinyl Acetate	250.000	308.571	-23.4#	137	0.00
24 P	1,1-Dichloroethane	50.000	58.871	-17.7	133	0.00
25 T	2-Butanone	250.000	285.399	-14.2	124	0.00
26 T	2,2-Dichloropropane	50.000	51.955	-3.9	120	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.422	-16.8	131	0.00
28 T	Bromochloromethane	50.000	57.298	-14.6	121	0.00
29 T	Tetrahydrofuran	250.000	308.612	-23.4#	140	0.00
30 C	Chloroform	50.000	57.771	-15.5#	130	0.00
31 T	Cyclohexane	50.000	52.228	-4.5	121	0.00
32 T	1,1,1-Trichloroethane	50.000	55.569	-11.1	125	0.00
33 S	1,2-Dichloroethane-d4	50.000	57.349	-14.7	118	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	117	0.00
35 S	Dibromofluoromethane	50.000	49.604	0.8	113	0.00
36 T	1,1-Dichloropropene	50.000	53.026	-6.1	127	0.00
37 T	Ethyl Acetate	50.000	57.627	-15.3	142	0.00
38 T	Carbon Tetrachloride	50.000	52.317	-4.6	123	0.00
39 T	Methylcyclohexane	50.000	51.909	-3.8	120	0.00
40 TM	Benzene	50.000	54.490	-9.0	129	0.00
41 T	Methacrylonitrile	50.000	52.669	-5.3	135	-0.02
42 TM	1,2-Dichloroethane	50.000	57.291	-14.6	134	0.00
43 T	Isopropyl Acetate	50.000	59.236	-18.5	143	0.00
44 TM	Trichloroethene	50.000	53.185	-6.4	128	0.00
45 C	1,2-Dichloropropane	50.000	57.701	-15.4#	137	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	55.370	-10.7	131	0.00
47 T	Bromodichloromethane	50.000	57.037	-14.1	131	0.00
48 T	Methyl methacrylate	50.000	62.002	-24.0#	149	0.00
49 T	1,4-Dioxane	1000.000	1143.653	-14.4	133	0.00
50 S	Toluene-d8	50.000	53.116	-6.2	113	0.00
51 T	4-Methyl-2-Pentanone	250.000	296.796	-18.7	139	0.00
52 CM	Toluene	50.000	54.522	-9.0#	129	0.00
53 T	t-1,3-Dichloropropene	50.000	58.010	-16.0	131	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.710	-15.4	134	0.00
55 T	1,1,2-Trichloroethane	50.000	58.811	-17.6	139	0.00
56 T	Ethyl methacrylate	50.000	61.487	-23.0#	139	0.00
57 T	1,3-Dichloropropane	50.000	58.191	-16.4	136	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	279.044	-11.6	125	0.00
59 T	2-Hexanone	250.000	292.472	-17.0	132	0.00
60 T	Dibromochloromethane	50.000	57.441	-14.9	133	0.00
61 T	1,2-Dibromoethane	50.000	57.819	-15.6	133	0.00
62 S	4-Bromofluorobenzene	50.000	51.776	-3.6	117	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	121	0.00
64 T	Tetrachloroethene	50.000	51.841	-3.7	126	0.00
65 PM	Chlorobenzene	50.000	53.865	-7.7	131	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.161	-10.3	130	0.00
67 C	Ethyl Benzene	50.000	54.324	-8.6#	129	0.00
68 T	m/p-Xylenes	100.000	105.435	-5.4	124	0.00
69 T	o-Xylene	50.000	53.487	-7.0	129	0.00
70 T	Styrene	50.000	55.321	-10.6	130	0.00
71 P	Bromoform	50.000	57.186	-14.4	132	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	118	0.00
73 T	Isopropylbenzene	50.000	52.968	-5.9	127	0.00
74 T	N-amyl acetate	50.000	61.598	-23.2#	144	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.914	-13.8	138	0.00
76 T	1,2,3-Trichloropropane	50.000	62.683	-25.4#	135	0.00
77 T	Bromobenzene	50.000	52.428	-4.9	127	0.00
78 T	n-propylbenzene	50.000	52.952	-5.9	126	0.00
79 T	2-Chlorotoluene	50.000	54.023	-8.0	130	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.207	-8.4	128	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.127	-18.3	137	0.00
82 T	4-Chlorotoluene	50.000	55.569	-11.1	132	0.00
83 T	tert-Butylbenzene	50.000	53.084	-6.2	125	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.505	-9.0	126	0.00
85 T	sec-Butylbenzene	50.000	53.429	-6.9	124	0.00
86 T	p-Isopropyltoluene	50.000	53.372	-6.7	125	0.00
87 T	1,3-Dichlorobenzene	50.000	52.572	-5.1	126	0.00
88 T	1,4-Dichlorobenzene	50.000	52.756	-5.5	125	0.00
89 T	n-Butylbenzene	50.000	52.744	-5.5	123	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.130	-8.3	126	0.00
91 T	1,2-Dichlorobenzene	50.000	54.239	-8.5	128	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.775	-13.5	139	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.508	-3.0	127	0.00
94 T	Hexachlorobutadiene	50.000	49.025	2.0	115	0.00
95 T	Naphthalene	50.000	54.459	-8.9	131	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.032	-4.1	124	0.00

(#) = Out of Range

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