

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv020620\
 Data File : VY001548.D
 Acq On : 06 Feb 2020 21:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 07 05:47:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 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	85	0.02
2 T	Dichlorodifluoromethane	50.000	46.986	6.0	77	0.00
3 P	Chloromethane	50.000	60.599	-21.2	103	0.00
4 C	Vinyl Chloride	50.000	59.414	-18.8#	98	0.00
5 T	Bromomethane	50.000	65.158	-30.3#	107	0.00
6 T	Chloroethane	50.000	63.487	-27.0#	105	0.00
7 T	Trichlorofluoromethane	50.000	47.257	5.5	80	0.00
8 T	Diethyl Ether	50.000	58.362	-16.7	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.027	1.9	82	0.00
10 T	Methyl Iodide	50.000	49.765	0.5	80	0.00
11 T	Tert butyl alcohol	250.000	297.835	-19.1	110	0.01
12 CM	1,1-Dichloroethene	50.000	50.792	-1.6#	85	0.01
13 T	Acrolein	250.000	278.584	-11.4	101	0.00
14 T	Allyl chloride	50.000	58.730	-17.5	99	0.00
15 T	Acrylonitrile	250.000	334.237	-33.7#	118	0.01
16 T	Acetone	250.000	282.333	-12.9	97	0.01
17 T	Carbon Disulfide	50.000	51.924	-3.8	86	0.01
18 T	Methyl Acetate	50.000	66.284	-32.6#	122	0.01
19 T	Methyl tert-butyl Ether	50.000	56.826	-13.7	98	0.02
20 T	Methylene Chloride	50.000	56.496	-13.0	91	0.02
21 T	trans-1,2-Dichloroethene	50.000	53.126	-6.3	90	0.00
22 T	Diisopropyl ether	50.000	64.034	-28.1#	108	0.00
23 T	Vinyl Acetate	250.000	337.395	-35.0#	115	0.02
24 P	1,1-Dichloroethane	50.000	56.143	-12.3	95	0.01
25 T	2-Butanone	250.000	333.570	-33.4#	117	0.01
26 T	2,2-Dichloropropane	50.000	48.253	3.5	84	0.02
27 T	cis-1,2-Dichloroethene	50.000	55.056	-10.1	94	0.00
28 T	Bromochloromethane	50.000	69.489	-39.0#	107	0.01
29 T	Tetrahydrofuran	250.000	358.773	-43.5#	128	0.01
30 C	Chloroform	50.000	53.572	-7.1#	90	0.02
31 T	Cyclohexane	50.000	52.753	-5.5	92	0.00
32 T	1,1,1-Trichloroethane	50.000	50.632	-1.3	84	0.01
33 S	1,2-Dichloroethane-d4	50.000	57.460	-14.9	99	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.01
35 S	Dibromofluoromethane	50.000	49.968	0.1	91	0.01
36 T	1,1-Dichloropropene	50.000	50.794	-1.6	88	0.01
37 T	Ethyl Acetate	50.000	67.686	-35.4#	126	0.01
38 T	Carbon Tetrachloride	50.000	47.067	5.9	81	0.01
39 T	Methylcyclohexane	50.000	50.432	-0.9	87	0.01
40 TM	Benzene	50.000	54.556	-9.1	95	0.01
41 T	Methacrylonitrile	50.000	75.074	-50.1#	119	0.01
42 TM	1,2-Dichloroethane	50.000	55.043	-10.1	99	0.01
43 T	Isopropyl Acetate	50.000	66.734	-33.5#	123	0.01
44 TM	Trichloroethene	50.000	50.327	-0.7	88	0.01
45 C	1,2-Dichloropropane	50.000	57.379	-14.8#	101	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	55.566	-11.1	100	0.00
47 T	Bromodichloromethane	50.000	53.640	-7.3	94	0.01
48 T	Methyl methacrylate	50.000	66.573	-33.1#	121	0.01
49 T	1,4-Dioxane	1000.000	1143.034	-14.3	108	0.01
50 S	Toluene-d8	50.000	54.233	-8.5	93	0.01
51 T	4-Methyl-2-Pentanone	250.000	350.311	-40.1#	130	0.00
52 CM	Toluene	50.000	53.489	-7.0#	94	0.01
53 T	t-1,3-Dichloropropene	50.000	54.993	-10.0	97	0.01
54 T	cis-1,3-Dichloropropene	50.000	53.813	-7.6	94	0.01
55 T	1,1,2-Trichloroethane	50.000	56.870	-13.7	101	0.00
56 T	Ethyl methacrylate	50.000	61.383	-22.8	109	0.01
57 T	1,3-Dichloropropane	50.000	56.681	-13.4	102	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	305.809	-22.3	109	0.01
59 T	2-Hexanone	250.000	348.833	-39.5#	126	0.01
60 T	Dibromochloromethane	50.000	54.049	-8.1	95	0.01
61 T	1,2-Dibromoethane	50.000	55.614	-11.2	99	0.01
62 S	4-Bromofluorobenzene	50.000	51.740	-3.5	95	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.01
64 T	Tetrachloroethene	50.000	48.774	2.5	89	0.00
65 PM	Chlorobenzene	50.000	51.508	-3.0	93	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	50.931	-1.9	93	0.01
67 C	Ethyl Benzene	50.000	51.454	-2.9#	94	0.00
68 T	m/p-Xylenes	100.000	102.888	-2.9	94	0.00
69 T	o-Xylene	50.000	51.921	-3.8	94	0.01
70 T	Styrene	50.000	54.005	-8.0	98	0.00
71 P	Bromoform	50.000	55.096	-10.2	100	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.01
73 T	Isopropylbenzene	50.000	48.380	3.2	93	0.00
74 T	N-amyl acetate	50.000	64.532	-29.1#	128	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.880	-15.8	115	0.00
76 T	1,2,3-Trichloropropane	50.000	50.800	-1.6	101	0.01
77 T	Bromobenzene	50.000	50.092	-0.2	96	0.01
78 T	n-propylbenzene	50.000	49.196	1.6	95	0.01
79 T	2-Chlorotoluene	50.000	48.915	2.2	94	0.01
80 T	1,3,5-Trimethylbenzene	50.000	48.266	3.5	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.724	-9.4	108	0.00
82 T	4-Chlorotoluene	50.000	50.241	-0.5	97	0.00
83 T	tert-Butylbenzene	50.000	47.485	5.0	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.366	1.3	95	0.01
85 T	sec-Butylbenzene	50.000	49.216	1.6	94	0.00
86 T	p-Isopropyltoluene	50.000	48.728	2.5	93	0.00
87 T	1,3-Dichlorobenzene	50.000	50.521	-1.0	99	0.00
88 T	1,4-Dichlorobenzene	50.000	51.030	-2.1	99	0.00
89 T	n-Butylbenzene	50.000	50.170	-0.3	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.617	0.8	94	0.01
91 T	1,2-Dichlorobenzene	50.000	51.609	-3.2	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.960	-5.9	109	0.01
93 T	1,2,4-Trichlorobenzene	50.000	49.756	0.5	98	0.00
94 T	Hexachlorobutadiene	50.000	47.189	5.6	92	0.00
95 T	Naphthalene	50.000	51.465	-2.9	108	0.01
96 T	1,2,3-Trichlorobenzene	50.000	51.237	-2.5	104	0.01

(#) = Out of Range

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