

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv030920\
 Data File : VY001916.D
 Acq On : 09 Mar 2020 18:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 10 12:23:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 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	93	-0.02
2 T	Dichlorodifluoromethane	50.000	42.997	14.0	82	0.00
3 P	Chloromethane	50.000	46.738	6.5	88	-0.01
4 C	Vinyl Chloride	50.000	46.739	6.5#	85	-0.01
5 T	Bromomethane	50.000	53.935	-7.9	89	0.00
6 T	Chloroethane	50.000	48.312	3.4	88	0.00
7 T	Trichlorofluoromethane	50.000	46.511	7.0	87	-0.01
8 T	Diethyl Ether	50.000	49.423	1.2	90	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.216	3.6	90	-0.01
10 T	Methyl Iodide	50.000	48.119	3.8	81	-0.02
11 T	Tert butyl alcohol	250.000	224.817	10.1	81	-0.02
12 CM	1,1-Dichloroethene	50.000	47.347	5.3#	86	-0.02
13 T	Acrolein	250.000	191.162	23.5	77	-0.01
14 T	Allyl chloride	50.000	49.834	0.3	90	-0.02
15 T	Acrylonitrile	250.000	231.771	7.3	84	-0.02
16 T	Acetone	250.000	203.590	18.6	73	-0.01
17 T	Carbon Disulfide	50.000	46.170	7.7	84	-0.02
18 T	Methyl Acetate	50.000	45.223	9.6	82	-0.02
19 T	Methyl tert-butyl Ether	50.000	48.948	2.1	88	-0.02
20 T	Methylene Chloride	50.000	48.264	3.5	93	-0.02
21 T	trans-1,2-Dichloroethene	50.000	48.546	2.9	89	-0.02
22 T	Diisopropyl ether	50.000	50.992	-2.0	93	-0.02
23 T	Vinyl Acetate	250.000	245.674	1.7	88	-0.02
24 P	1,1-Dichloroethane	50.000	49.771	0.5	91	-0.02
25 T	2-Butanone	250.000	219.895	12.0	79	-0.02
26 T	2,2-Dichloropropane	50.000	48.436	3.1	90	-0.02
27 T	cis-1,2-Dichloroethene	50.000	49.760	0.5	90	-0.02
28 T	Bromochloromethane	50.000	53.963	-7.9	97	-0.02
29 T	Tetrahydrofuran	250.000	226.477	9.4	83	-0.02
30 C	Chloroform	50.000	50.082	-0.2#	91	-0.02
31 T	Cyclohexane	50.000	46.410	7.2	89	-0.02
32 T	1,1,1-Trichloroethane	50.000	50.085	-0.2	90	-0.02
33 S	1,2-Dichloroethane-d4	50.000	51.251	-2.5	99	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	-0.02
35 S	Dibromofluoromethane	50.000	51.170	-2.3	99	-0.02
36 T	1,1-Dichloropropene	50.000	47.647	4.7	88	-0.02
37 T	Ethyl Acetate	50.000	46.586	6.8	84	-0.01
38 T	Carbon Tetrachloride	50.000	48.477	3.0	90	-0.02
39 T	Methylcyclohexane	50.000	47.410	5.2	89	-0.02
40 TM	Benzene	50.000	48.609	2.8	90	-0.02
41 T	Methacrylonitrile	50.000	47.308	5.4	90	-0.02
42 TM	1,2-Dichloroethane	50.000	48.782	2.4	89	-0.01
43 T	Isopropyl Acetate	50.000	46.651	6.7	85	-0.02
44 TM	Trichloroethene	50.000	48.754	2.5	91	-0.02
45 C	1,2-Dichloropropane	50.000	49.577	0.8#	91	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.892	4.2	89	-0.02
47 T	Bromodichloromethane	50.000	49.916	0.2	91	-0.02
48 T	Methyl methacrylate	50.000	47.125	5.8	82	-0.01
49 T	1,4-Dioxane	1000.000	876.519	12.3	79	-0.02
50 S	Toluene-d8	50.000	50.593	-1.2	98	-0.01
51 T	4-Methyl-2-Pentanone	250.000	234.309	6.3	85	-0.01
52 CM	Toluene	50.000	49.085	1.8#	91	-0.01
53 T	t-1,3-Dichloropropene	50.000	49.358	1.3	88	-0.01
54 T	cis-1,3-Dichloropropene	50.000	49.173	1.7	89	-0.01
55 T	1,1,2-Trichloroethane	50.000	48.666	2.7	89	-0.01
56 T	Ethyl methacrylate	50.000	48.891	2.2	87	-0.01
57 T	1,3-Dichloropropane	50.000	47.781	4.4	89	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	224.988	10.0	86	-0.01
59 T	2-Hexanone	250.000	223.761	10.5	81	-0.01
60 T	Dibromochloromethane	50.000	49.411	1.2	89	-0.01
61 T	1,2-Dibromoethane	50.000	47.408	5.2	88	-0.01
62 S	4-Bromofluorobenzene	50.000	49.968	0.1	97	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	-0.01
64 T	Tetrachloroethene	50.000	47.759	4.5	91	-0.01
65 PM	Chlorobenzene	50.000	48.261	3.5	89	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	49.930	0.1	91	-0.01
67 C	Ethyl Benzene	50.000	48.638	2.7#	90	-0.01
68 T	m/p-Xylenes	100.000	97.627	2.4	89	-0.01
69 T	o-Xylene	50.000	49.578	0.8	91	-0.01
70 T	Styrene	50.000	49.943	0.1	90	-0.01
71 P	Bromoform	50.000	48.353	3.3	84	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	-0.01
73 T	Isopropylbenzene	50.000	49.635	0.7	89	-0.01
74 T	N-amyl acetate	50.000	47.751	4.5	85	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.500	5.0	85	-0.01
76 T	1,2,3-Trichloropropane	50.000	45.454	9.1	88	-0.01
77 T	Bromobenzene	50.000	49.216	1.6	90	-0.01
78 T	n-propylbenzene	50.000	49.837	0.3	90	-0.01
79 T	2-Chlorotoluene	50.000	49.744	0.5	90	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	50.111	-0.2	91	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	47.580	4.8	83	-0.01
82 T	4-Chlorotoluene	50.000	49.302	1.4	89	-0.01
83 T	tert-Butylbenzene	50.000	50.802	-1.6	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.988	0.0	90	-0.01
85 T	sec-Butylbenzene	50.000	49.898	0.2	90	-0.01
86 T	p-Isopropyltoluene	50.000	50.045	-0.1	90	-0.01
87 T	1,3-Dichlorobenzene	50.000	49.091	1.8	89	-0.01
88 T	1,4-Dichlorobenzene	50.000	48.631	2.7	88	0.00
89 T	n-Butylbenzene	50.000	49.590	0.8	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.592	-1.2	91	-0.01
91 T	1,2-Dichlorobenzene	50.000	49.248	1.5	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.813	8.4	85	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	48.261	3.5	88	-0.01
94 T	Hexachlorobutadiene	50.000	48.320	3.4	90	-0.01
95 T	Naphthalene	50.000	47.167	5.7	86	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	48.290	3.4	88	-0.01

(#) = Out of Range

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