

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv042820\
 Data File : VY002485.D
 Acq On : 28 Apr 2020 10:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 28 15:14:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 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	102	-0.02
2 T	Dichlorodifluoromethane	50.000	53.642	-7.3	111	0.00
3 P	Chloromethane	50.000	48.717	2.6	101	0.00
4 C	Vinyl Chloride	50.000	50.941	-1.9#	124	-0.01
5 T	Bromomethane	50.000	45.580	8.8	101	-0.01
6 T	Chloroethane	50.000	41.395	17.2	92	-0.01
7 T	Trichlorofluoromethane	50.000	43.662	12.7	80	-0.02
8 T	Diethyl Ether	50.000	28.265	43.5#	57	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.911	8.2	89	-0.02
10 T	Methyl Iodide	50.000	49.671	0.7	98	-0.02
11 T	Tert butyl alcohol	250.000	253.278	-1.3	122	-0.02
12 CM	1,1-Dichloroethene	50.000	41.917	16.2#	83	-0.02
13 T	Acrolein	250.000	196.487	21.4	78	-0.02
14 T	Allyl chloride	50.000	47.708	4.6	99	-0.02
15 T	Acrylonitrile	250.000	244.510	2.2	105	-0.02
16 T	Acetone	250.000	302.611	-21.0	128	-0.01
17 T	Carbon Disulfide	50.000	48.002	4.0	97	-0.02
18 T	Methyl Acetate	50.000	46.094	7.8	105	-0.02
19 T	Methyl tert-butyl Ether	50.000	49.654	0.7	104	-0.03
20 T	Methylene Chloride	50.000	43.384	13.2	100	-0.02
21 T	trans-1,2-Dichloroethene	50.000	48.131	3.7	100	-0.02
22 T	Diisopropyl ether	50.000	46.132	7.7	99	-0.02
23 T	Vinyl Acetate	250.000	240.980	3.6	102	-0.02
24 P	1,1-Dichloroethane	50.000	47.830	4.3	98	-0.02
25 T	2-Butanone	250.000	246.664	1.3	111	-0.02
26 T	2,2-Dichloropropane	50.000	50.072	-0.1	103	-0.02
27 T	cis-1,2-Dichloroethene	50.000	48.267	3.5	100	-0.02
28 T	Bromochloromethane	50.000	46.612	6.8	98	-0.02
29 T	Tetrahydrofuran	250.000	238.714	4.5	106	-0.02
30 C	Chloroform	50.000	48.450	3.1#	101	-0.02
31 T	Cyclohexane	50.000	43.567	12.9	96	-0.02
32 T	1,1,1-Trichloroethane	50.000	49.854	0.3	101	-0.02
33 S	1,2-Dichloroethane-d4	50.000	45.643	8.7	101	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	-0.01
35 S	Dibromofluoromethane	50.000	51.099	-2.2	101	-0.02
36 T	1,1-Dichloropropene	50.000	51.701	-3.4	99	-0.02
37 T	Ethyl Acetate	50.000	52.095	-4.2	107	-0.02
38 T	Carbon Tetrachloride	50.000	54.951	-9.9	104	-0.02
39 T	Methylcyclohexane	50.000	51.994	-4.0	97	-0.01
40 TM	Benzene	50.000	52.474	-4.9	101	-0.02
41 T	Methacrylonitrile	50.000	45.164	9.7	92	-0.02
42 TM	1,2-Dichloroethane	50.000	52.602	-5.2	102	-0.02
43 T	Isopropyl Acetate	50.000	52.172	-4.3	106	-0.01
44 TM	Trichloroethene	50.000	53.191	-6.4	102	-0.01
45 C	1,2-Dichloropropane	50.000	51.119	-2.2#	99	-0.01

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.803	-5.6	102	-0.01
47 T	Bromodichloromethane	50.000	53.477	-7.0	102	-0.01
48 T	Methyl methacrylate	50.000	52.536	-5.1	105	-0.01
49 T	1,4-Dioxane	1000.000	1176.587	-17.7	111	-0.01
50 S	Toluene-d8	50.000	49.059	1.9	100	-0.01
51 T	4-Methyl-2-Pentanone	250.000	260.624	-4.2	106	-0.01
52 CM	Toluene	50.000	52.514	-5.0#	100	-0.01
53 T	t-1,3-Dichloropropene	50.000	54.464	-8.9	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.734	-7.5	102	-0.01
55 T	1,1,2-Trichloroethane	50.000	52.347	-4.7	105	-0.01
56 T	Ethyl methacrylate	50.000	52.257	-4.5	103	0.00
57 T	1,3-Dichloropropane	50.000	52.120	-4.2	104	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	251.332	-0.5	102	-0.01
59 T	2-Hexanone	250.000	260.991	-4.4	107	0.00
60 T	Dibromochloromethane	50.000	53.325	-6.7	103	0.00
61 T	1,2-Dibromoethane	50.000	51.012	-2.0	101	0.00
62 S	4-Bromofluorobenzene	50.000	41.406	17.2	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	51.103	-2.2	104	-0.01
65 PM	Chlorobenzene	50.000	49.853	0.3	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.608	-3.2	103	0.00
67 C	Ethyl Benzene	50.000	49.619	0.8#	99	-0.01
68 T	m/p-Xylenes	100.000	99.953	0.0	101	-0.01
69 T	o-Xylene	50.000	46.853	6.3	94	0.00
70 T	Styrene	50.000	46.257	7.5	92	-0.01
71 P	Bromoform	50.000	48.380	3.2	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	42.186	15.6	85	0.00
74 T	N-amyl acetate	50.000	40.598	18.8	86	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	47.267	5.5	104	0.00
76 T	1,2,3-Trichloropropane	50.000	46.448	7.1	96	0.00
77 T	Bromobenzene	50.000	49.370	1.3	102	0.00
78 T	n-propylbenzene	50.000	49.097	1.8	98	0.00
79 T	2-Chlorotoluene	50.000	49.078	1.8	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.537	0.9	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.517	9.0	96	0.00
82 T	4-Chlorotoluene	50.000	49.990	0.0	101	0.00
83 T	tert-Butylbenzene	50.000	50.379	-0.8	100	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	50.951	-1.9	99	0.00
85 T	sec-Butylbenzene	50.000	50.424	-0.8	98	0.00
86 T	p-Isopropyltoluene	50.000	50.689	-1.4	99	0.00
87 T	1,3-Dichlorobenzene	50.000	50.423	-0.8	100	0.00
88 T	1,4-Dichlorobenzene	50.000	50.266	-0.5	100	0.00
89 T	n-Butylbenzene	50.000	48.476	3.0	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.417	1.2	99	0.00
91 T	1,2-Dichlorobenzene	50.000	51.645	-3.3	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.429	5.1	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.579	4.8	97	0.00
94 T	Hexachlorobutadiene	50.000	47.831	4.3	95	0.00
95 T	Naphthalene	50.000	47.338	5.3	99	0.00
96 T	1,2,3-Trichlorobenzene	50.000	46.939	6.1	96	0.00

(#) = Out of Range

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