

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD012420\
 Data File : VD064936.D
 Acq On : 24 Jan 2020 10:10
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 25 02:47:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 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	104	0.00
2 T	Dichlorodifluoromethane	50.000	51.820	-3.6	106	0.00
3 P	Chloromethane	50.000	49.289	1.4	105	0.00
4 C	Vinyl Chloride	50.000	49.379	1.2#	104	0.00
5 T	Bromomethane	50.000	47.588	4.8	104	0.00
6 T	Chloroethane	50.000	47.618	4.8	100	0.00
7 T	Trichlorofluoromethane	50.000	48.623	2.8	102	0.00
8 T	Diethyl Ether	50.000	46.101	7.8	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.386	-0.8	106	0.00
10 T	Methyl Iodide	50.000	48.961	2.1	95	0.00
11 T	Tert butyl alcohol	250.000	226.419	9.4	87	0.00
12 CM	1,1-Dichloroethene	50.000	49.701	0.6#	106	0.00
13 T	Acrolein	250.000	242.777	2.9	104	0.00
14 T	Allyl chloride	50.000	50.490	-1.0	105	0.00
15 T	Acrylonitrile	250.000	237.079	5.2	100	0.00
16 T	Acetone	250.000	223.941	10.4	105	0.00
17 T	Carbon Disulfide	50.000	50.388	-0.8	107	0.00
18 T	Methyl Acetate	50.000	46.123	7.8	98	0.00
19 T	Methyl tert-butyl Ether	50.000	47.669	4.7	98	0.00
20 T	Methylene Chloride	50.000	49.723	0.6	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.500	1.0	105	0.00
22 T	Diisopropyl ether	50.000	49.432	1.1	102	0.00
23 T	Vinyl Acetate	250.000	245.392	1.8	99	0.00
24 P	1,1-Dichloroethane	50.000	48.971	2.1	104	0.00
25 T	2-Butanone	250.000	239.337	4.3	96	0.00
26 T	2,2-Dichloropropane	50.000	50.345	-0.7	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.261	1.5	105	0.00
28 T	Bromochloromethane	50.000	49.463	1.1	92	-0.01
29 T	Tetrahydrofuran	250.000	227.476	9.0	94	0.00
30 C	Chloroform	50.000	48.989	2.0#	104	0.00
31 T	Cyclohexane	50.000	46.505	7.0	102	0.00
32 T	1,1,1-Trichloroethane	50.000	48.668	2.7	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.688	-1.4	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	51.654	-3.3	101	0.00
36 T	1,1-Dichloropropene	50.000	49.751	0.5	102	0.00
37 T	Ethyl Acetate	50.000	45.973	8.1	99	0.00
38 T	Carbon Tetrachloride	50.000	50.659	-1.3	103	0.00
39 T	Methylcyclohexane	50.000	49.013	2.0	98	0.00
40 TM	Benzene	50.000	50.287	-0.6	104	0.00
41 T	Methacrylonitrile	50.000	51.593	-3.2	92	-0.01
42 TM	1,2-Dichloroethane	50.000	48.730	2.5	101	0.00
43 T	Isopropyl Acetate	50.000	46.548	6.9	96	0.00
44 TM	Trichloroethene	50.000	50.417	-0.8	105	0.00
45 C	1,2-Dichloropropane	50.000	49.546	0.9#	104	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	47.798	4.4	101	0.00
47 T	Bromodichloromethane	50.000	50.144	-0.3	104	0.00
48 T	Methyl methacrylate	50.000	49.212	1.6	98	0.00
49 T	1,4-Dioxane	1000.000	940.355	6.0	94	0.00
50 S	Toluene-d8	50.000	53.317	-6.6	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	234.308	6.3	95	0.00
52 CM	Toluene	50.000	49.687	0.6#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	49.618	0.8	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.769	0.5	101	0.00
55 T	1,1,2-Trichloroethane	50.000	48.533	2.9	101	0.00
56 T	Ethyl methacrylate	50.000	50.581	-1.2	99	0.00
57 T	1,3-Dichloropropane	50.000	48.338	3.3	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	228.080	8.8	103	0.00
59 T	2-Hexanone	250.000	251.806	-0.7	99	0.00
60 T	Dibromochloromethane	50.000	48.238	3.5	100	0.00
61 T	1,2-Dibromoethane	50.000	48.053	3.9	100	0.00
62 S	4-Bromofluorobenzene	50.000	52.913	-5.8	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	49.837	0.3	100	0.00
65 PM	Chlorobenzene	50.000	50.079	-0.2	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.899	0.2	101	0.00
67 C	Ethyl Benzene	50.000	51.157	-2.3#	101	0.00
68 T	m/p-Xylenes	100.000	103.803	-3.8	102	0.00
69 T	o-Xylene	50.000	51.303	-2.6	101	0.00
70 T	Styrene	50.000	52.492	-5.0	102	0.00
71 P	Bromoform	50.000	48.854	2.3	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	51.379	-2.8	101	0.00
74 T	N-amyl acetate	50.000	47.505	5.0	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.933	4.1	98	0.00
76 T	1,2,3-Trichloropropane	50.000	50.549	-1.1	94	0.00
77 T	Bromobenzene	50.000	50.101	-0.2	101	0.00
78 T	n-propylbenzene	50.000	50.971	-1.9	101	0.00
79 T	2-Chlorotoluene	50.000	50.327	-0.7	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.091	-2.2	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.157	1.7	99	0.00
82 T	4-Chlorotoluene	50.000	50.452	-0.9	102	0.00
83 T	tert-Butylbenzene	50.000	50.432	-0.9	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.548	-1.1	101	0.00
85 T	sec-Butylbenzene	50.000	50.227	-0.5	101	0.00
86 T	p-Isopropyltoluene	50.000	50.605	-1.2	99	0.00
87 T	1,3-Dichlorobenzene	50.000	50.167	-0.3	103	0.00
88 T	1,4-Dichlorobenzene	50.000	48.775	2.5	101	0.00
89 T	n-Butylbenzene	50.000	50.698	-1.4	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.276	1.4	99	0.00
91 T	1,2-Dichlorobenzene	50.000	49.612	0.8	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.997	6.0	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.791	2.4	98	0.00
94 T	Hexachlorobutadiene	50.000	48.897	2.2	102	0.00
95 T	Naphthalene	50.000	49.255	1.5	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.550	4.9	95	0.00

(#) = Out of Range

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