

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD021920\
 Data File : VD065245.D
 Acq On : 19 Feb 2020 18:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 20 04:54:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	50.455	-0.9	101	0.00
3 P	Chloromethane	50.000	48.204	3.6	103	0.00
4 C	Vinyl Chloride	50.000	45.840	8.3#	95	0.00
5 T	Bromomethane	50.000	42.371	15.3	95	-0.03
6 T	Chloroethane	50.000	46.198	7.6	97	-0.02
7 T	Trichlorofluoromethane	50.000	45.088	9.8	95	-0.01
8 T	Diethyl Ether	50.000	47.445	5.1	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.057	7.9	98	0.00
10 T	Methyl Iodide	50.000	60.778	-21.6#	112	0.00
11 T	Tert butyl alcohol	250.000	228.991	8.4	99	0.00
12 CM	1,1-Dichloroethene	50.000	47.494	5.0#	99	-0.01
13 T	Acrolein	250.000	296.792	-18.7	130	0.00
14 T	Allyl chloride	50.000	48.324	3.4	100	0.00
15 T	Acrylonitrile	250.000	242.083	3.2	99	0.00
16 T	Acetone	250.000	213.876	14.4	80	0.00
17 T	Carbon Disulfide	50.000	46.064	7.9	96	0.00
18 T	Methyl Acetate	50.000	49.053	1.9	104	0.00
19 T	Methyl tert-butyl Ether	50.000	49.986	0.0	98	0.00
20 T	Methylene Chloride	50.000	51.799	-3.6	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.958	4.1	100	-0.01
22 T	Diisopropyl ether	50.000	50.109	-0.2	99	0.00
23 T	Vinyl Acetate	250.000	254.823	-1.9	96	0.00
24 P	1,1-Dichloroethane	50.000	47.206	5.6	99	0.00
25 T	2-Butanone	250.000	230.785	7.7	89	0.00
26 T	2,2-Dichloropropane	50.000	44.363	11.3	95	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.164	1.7	102	0.00
28 T	Bromochloromethane	50.000	50.925	-1.8	111	0.00
29 T	Tetrahydrofuran	250.000	250.926	-0.4	97	0.00
30 C	Chloroform	50.000	46.986	6.0#	99	0.00
31 T	Cyclohexane	50.000	45.022	10.0	96	0.00
32 T	1,1,1-Trichloroethane	50.000	46.415	7.2	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.480	1.0	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	50.686	-1.4	101	0.00
36 T	1,1-Dichloropropene	50.000	47.663	4.7	99	0.00
37 T	Ethyl Acetate	50.000	48.869	2.3	102	0.00
38 T	Carbon Tetrachloride	50.000	46.295	7.4	97	0.00
39 T	Methylcyclohexane	50.000	49.496	1.0	98	0.00
40 TM	Benzene	50.000	48.822	2.4	101	0.00
41 T	Methacrylonitrile	50.000	52.983	-6.0	112	0.00
42 TM	1,2-Dichloroethane	50.000	48.041	3.9	99	0.00
43 T	Isopropyl Acetate	50.000	48.037	3.9	95	0.00
44 TM	Trichloroethene	50.000	48.578	2.8	101	0.00
45 C	1,2-Dichloropropane	50.000	48.130	3.7#	99	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	49.283	1.4	100	0.00
47 T	Bromodichloromethane	50.000	47.962	4.1	99	0.00
48 T	Methyl methacrylate	50.000	50.880	-1.8	96	0.00
49 T	1,4-Dioxane	1000.000	1033.648	-3.4	102	0.00
50 S	Toluene-d8	50.000	51.447	-2.9	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.961	-0.4	97	0.00
52 CM	Toluene	50.000	50.375	-0.8#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	49.026	1.9	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.253	1.5	99	0.00
55 T	1,1,2-Trichloroethane	50.000	48.191	3.6	99	0.00
56 T	Ethyl methacrylate	50.000	52.271	-4.5	99	0.00
57 T	1,3-Dichloropropane	50.000	49.591	0.8	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	229.977	8.0	101	0.00
59 T	2-Hexanone	250.000	244.645	2.1	89	0.00
60 T	Dibromochloromethane	50.000	48.411	3.2	99	0.00
61 T	1,2-Dibromoethane	50.000	49.454	1.1	99	0.00
62 S	4-Bromofluorobenzene	50.000	52.938	-5.9	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	47.623	4.8	102	0.00
65 PM	Chlorobenzene	50.000	47.688	4.6	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.358	5.3	101	0.00
67 C	Ethyl Benzene	50.000	48.789	2.4#	101	0.00
68 T	m/p-Xylenes	100.000	98.939	1.1	101	0.00
69 T	o-Xylene	50.000	49.978	0.0	100	0.00
70 T	Styrene	50.000	50.860	-1.7	102	0.00
71 P	Bromoform	50.000	46.697	6.6	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	50.320	-0.6	101	0.00
74 T	N-amyl acetate	50.000	48.832	2.3	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.040	3.9	101	0.00
76 T	1,2,3-Trichloropropane	50.000	42.558	14.9	95	0.00
77 T	Bromobenzene	50.000	49.647	0.7	102	0.00
78 T	n-propylbenzene	50.000	49.999	0.0	101	0.00
79 T	2-Chlorotoluene	50.000	49.633	0.7	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.060	-2.1	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.322	7.4	94	0.00
82 T	4-Chlorotoluene	50.000	49.833	0.3	103	0.00
83 T	tert-Butylbenzene	50.000	51.895	-3.8	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.517	-3.0	104	0.00
85 T	sec-Butylbenzene	50.000	49.675	0.7	101	0.00
86 T	p-Isopropyltoluene	50.000	50.924	-1.8	102	0.00
87 T	1,3-Dichlorobenzene	50.000	48.914	2.2	103	0.00
88 T	1,4-Dichlorobenzene	50.000	48.958	2.1	103	0.00
89 T	n-Butylbenzene	50.000	50.849	-1.7	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	46.361	7.3	99	0.00
91 T	1,2-Dichlorobenzene	50.000	49.402	1.2	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.048	7.9	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.433	-4.9	106	0.00
94 T	Hexachlorobutadiene	50.000	50.655	-1.3	110	0.00
95 T	Naphthalene	50.000	54.141	-8.3	104	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.571	-5.1	107	0.00

(#) = Out of Range

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