

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD031320\
 Data File : VD065498.D
 Acq On : 13 Mar 2020 10:38
 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: Mar 16 01:58:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	41.121	17.8	85	0.00
3 P	Chloromethane	50.000	41.494	17.0	87	0.00
4 C	Vinyl Chloride	50.000	44.327	11.3#	88	0.00
5 T	Bromomethane	50.000	45.497	9.0	83	0.00
6 T	Chloroethane	50.000	45.442	9.1	89	0.00
7 T	Trichlorofluoromethane	50.000	46.927	6.1	94	0.00
8 T	Diethyl Ether	50.000	45.266	9.5	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.660	4.7	96	0.00
10 T	Methyl Iodide	50.000	45.721	8.6	80	0.00
11 T	Tert butyl alcohol	250.000	228.373	8.7	94	0.00
12 CM	1,1-Dichloroethene	50.000	45.935	8.1#	92	0.00
13 T	Acrolein	250.000	244.811	2.1	103	0.00
14 T	Allyl chloride	50.000	44.100	11.8	85	0.00
15 T	Acrylonitrile	250.000	227.823	8.9	91	0.00
16 T	Acetone	250.000	276.621	-10.6	116	0.00
17 T	Carbon Disulfide	50.000	43.825	12.3	86	0.00
18 T	Methyl Acetate	50.000	44.777	10.4	92	0.00
19 T	Methyl tert-butyl Ether	50.000	46.718	6.6	89	0.00
20 T	Methylene Chloride	50.000	48.983	2.0	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.003	6.0	91	0.00
22 T	Diisopropyl ether	50.000	48.566	2.9	91	0.00
23 T	Vinyl Acetate	250.000	243.982	2.4	89	0.00
24 P	1,1-Dichloroethane	50.000	46.915	6.2	92	-0.01
25 T	2-Butanone	250.000	242.042	3.2	97	0.00
26 T	2,2-Dichloropropane	50.000	48.163	3.7	95	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.519	5.0	91	0.00
28 T	Bromochloromethane	50.000	48.010	4.0	94	0.00
29 T	Tetrahydrofuran	250.000	229.792	8.1	89	0.00
30 C	Chloroform	50.000	48.319	3.4#	94	0.00
31 T	Cyclohexane	50.000	44.825	10.3	89	0.00
32 T	1,1,1-Trichloroethane	50.000	47.599	4.8	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.081	9.8	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	50.271	-0.5	91	0.00
36 T	1,1-Dichloropropene	50.000	51.407	-2.8	92	0.00
37 T	Ethyl Acetate	50.000	50.974	-1.9	96	0.00
38 T	Carbon Tetrachloride	50.000	52.093	-4.2	95	0.00
39 T	Methylcyclohexane	50.000	51.369	-2.7	89	0.00
40 TM	Benzene	50.000	51.617	-3.2	92	0.00
41 T	Methacrylonitrile	50.000	45.986	8.0	96	0.00
42 TM	1,2-Dichloroethane	50.000	51.184	-2.4	95	0.00
43 T	Isopropyl Acetate	50.000	48.520	3.0	88	0.00
44 TM	Trichloroethene	50.000	51.338	-2.7	92	0.00
45 C	1,2-Dichloropropane	50.000	51.822	-3.6#	93	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	52.052	-4.1	93	0.00
47 T	Bromodichloromethane	50.000	52.721	-5.4	95	0.00
48 T	Methyl methacrylate	50.000	48.888	2.2	89	0.00
49 T	1,4-Dioxane	1000.000	1024.806	-2.5	92	0.00
50 S	Toluene-d8	50.000	50.242	-0.5	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	263.238	-5.3	94	0.00
52 CM	Toluene	50.000	52.929	-5.9#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	51.328	-2.7	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.884	-3.8	91	0.00
55 T	1,1,2-Trichloroethane	50.000	51.940	-3.9	96	0.00
56 T	Ethyl methacrylate	50.000	52.820	-5.6	92	0.00
57 T	1,3-Dichloropropane	50.000	51.553	-3.1	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	232.147	7.1	92	0.00
59 T	2-Hexanone	250.000	281.774	-12.7	99	0.00
60 T	Dibromochloromethane	50.000	52.182	-4.4	95	0.00
61 T	1,2-Dibromoethane	50.000	52.487	-5.0	97	0.00
62 S	4-Bromofluorobenzene	50.000	51.738	-3.5	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	51.118	-2.2	95	0.00
65 PM	Chlorobenzene	50.000	50.812	-1.6	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.916	-1.8	95	0.00
67 C	Ethyl Benzene	50.000	52.715	-5.4#	94	0.00
68 T	m/p-Xylenes	100.000	106.116	-6.1	94	0.00
69 T	o-Xylene	50.000	52.338	-4.7	92	0.00
70 T	Styrene	50.000	53.935	-7.9	95	0.00
71 P	Bromoform	50.000	51.046	-2.1	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	51.531	-3.1	94	0.00
74 T	N-amyl acetate	50.000	47.712	4.6	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.305	3.4	97	0.00
76 T	1,2,3-Trichloropropane	50.000	47.671	4.7	96	0.00
77 T	Bromobenzene	50.000	49.647	0.7	96	0.00
78 T	n-propylbenzene	50.000	52.131	-4.3	96	0.00
79 T	2-Chlorotoluene	50.000	50.632	-1.3	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.012	-4.0	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.797	0.4	98	0.00
82 T	4-Chlorotoluene	50.000	50.367	-0.7	95	0.00
83 T	tert-Butylbenzene	50.000	51.406	-2.8	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.812	-5.6	96	0.00
85 T	sec-Butylbenzene	50.000	52.292	-4.6	96	0.00
86 T	p-Isopropyltoluene	50.000	53.685	-7.4	97	0.00
87 T	1,3-Dichlorobenzene	50.000	50.365	-0.7	98	0.00
88 T	1,4-Dichlorobenzene	50.000	49.016	2.0	96	0.00
89 T	n-Butylbenzene	50.000	52.049	-4.1	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.213	-0.4	97	0.00
91 T	1,2-Dichlorobenzene	50.000	50.221	-0.4	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.225	7.5	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.826	0.3	96	0.00
94 T	Hexachlorobutadiene	50.000	51.256	-2.5	99	0.00
95 T	Naphthalene	50.000	45.385	9.2	95	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.595	-3.2	99	0.00

(#) = Out of Range

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