

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD100720\
 Data File : VD067141.D
 Acq On : 07 Oct 2020 09:57
 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: Oct 08 07:35:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 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	81	0.00
2 T	Dichlorodifluoromethane	50.000	57.881	-15.8	87	0.00
3 P	Chloromethane	50.000	40.834	18.3	70	0.00
4 C	Vinyl Chloride	50.000	45.905	8.2#	76	0.00
5 T	Bromomethane	50.000	53.194	-6.4	80	-0.01
6 T	Chloroethane	50.000	44.888	10.2	74	0.00
7 T	Trichlorofluoromethane	50.000	49.378	1.2	83	0.00
8 T	Diethyl Ether	50.000	46.984	6.0	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.399	1.2	82	0.00
10 T	Methyl Iodide	50.000	48.840	2.3	76	0.00
11 T	Tert butyl alcohol	250.000	195.641	21.7#	68	0.00
12 CM	1,1-Dichloroethene	50.000	47.546	4.9#	78	0.00
13 T	Acrolein	250.000	264.124	-5.6	91	0.00
14 T	Allyl chloride	50.000	43.474	13.1	68	0.00
15 T	Acrylonitrile	250.000	226.066	9.6	72	0.00
16 T	Acetone	250.000	283.862	-13.5	89	-0.01
17 T	Carbon Disulfide	50.000	46.097	7.8	76	0.00
18 T	Methyl Acetate	50.000	43.845	12.3	70	0.00
19 T	Methyl tert-butyl Ether	50.000	49.689	0.6	75	0.00
20 T	Methylene Chloride	50.000	47.834	4.3	74	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.595	2.8	78	0.00
22 T	Diisopropyl ether	50.000	44.555	10.9	68	0.00
23 T	Vinyl Acetate	250.000	236.165	5.5	69	0.00
24 P	1,1-Dichloroethane	50.000	45.948	8.1	74	0.00
25 T	2-Butanone	250.000	213.902	14.4	69	0.00
26 T	2,2-Dichloropropane	50.000	52.882	-5.8	80	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.307	3.4	77	0.00
28 T	Bromochloromethane	50.000	43.405	13.2	66	0.00
29 T	Tetrahydrofuran	250.000	215.307	13.9	66	0.00
30 C	Chloroform	50.000	48.265	3.5#	79	0.00
31 T	Cyclohexane	50.000	44.892	10.2	75	0.00
32 T	1,1,1-Trichloroethane	50.000	50.234	-0.5	82	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.649	0.7	78	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	51.174	-2.3	77	0.00
36 T	1,1-Dichloropropene	50.000	48.857	2.3	77	0.00
37 T	Ethyl Acetate	50.000	43.299	13.4	68	-0.01
38 T	Carbon Tetrachloride	50.000	54.506	-9.0	85	0.00
39 T	Methylcyclohexane	50.000	51.411	-2.8	76	0.00
40 TM	Benzene	50.000	47.793	4.4	75	0.00
41 T	Methacrylonitrile	50.000	55.730	-11.5	81	0.00
42 TM	1,2-Dichloroethane	50.000	50.371	-0.7	79	0.00
43 T	Isopropyl Acetate	50.000	45.446	9.1	69	0.00
44 TM	Trichloroethene	50.000	51.015	-2.0	81	0.00
45 C	1,2-Dichloropropane	50.000	46.924	6.2#	72	0.00

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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)
46 T	Dibromomethane	50.000	49.372	1.3	75	0.00
47 T	Bromodichloromethane	50.000	50.288	-0.6	78	0.00
48 T	Methyl methacrylate	50.000	43.521	13.0	62	0.00
49 T	1,4-Dioxane	1000.000	948.231	5.2	74	0.00
50 S	Toluene-d8	50.000	51.747	-3.5	76	0.00
51 T	4-Methyl-2-Pentanone	250.000	229.785	8.1	68	0.00
52 CM	Toluene	50.000	50.493	-1.0#	76	0.00
53 T	t-1,3-Dichloropropene	50.000	52.200	-4.4	79	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.234	-0.5	77	0.00
55 T	1,1,2-Trichloroethane	50.000	50.133	-0.3	77	0.00
56 T	Ethyl methacrylate	50.000	53.927	-7.9	75	0.00
57 T	1,3-Dichloropropane	50.000	50.351	-0.7	77	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	255.883	-2.4	74	0.00
59 T	2-Hexanone	250.000	251.238	-0.5	73	0.00
60 T	Dibromochloromethane	50.000	52.800	-5.6	80	0.00
61 T	1,2-Dibromoethane	50.000	49.728	0.5	75	0.00
62 S	4-Bromofluorobenzene	50.000	53.195	-6.4	79	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64 T	Tetrachloroethene	50.000	51.197	-2.4	81	0.00
65 PM	Chlorobenzene	50.000	51.475	-3.0	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.751	-5.5	82	0.00
67 C	Ethyl Benzene	50.000	53.020	-6.0#	79	0.00
68 T	m/p-Xylenes	100.000	104.468	-4.5	78	0.00
69 T	o-Xylene	50.000	53.248	-6.5	77	0.00
70 T	Styrene	50.000	54.104	-8.2	78	0.00
71 P	Bromoform	50.000	54.484	-9.0	83	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	53.609	-7.2	81	0.00
74 T	N-amyl acetate	50.000	44.939	10.1	69	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.658	6.7	74	0.00
76 T	1,2,3-Trichloropropane	50.000	50.607	-1.2	78	0.00
77 T	Bromobenzene	50.000	51.758	-3.5	83	0.00
78 T	n-propylbenzene	50.000	51.943	-3.9	79	0.00
79 T	2-Chlorotoluene	50.000	50.359	-0.7	78	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.980	-8.0	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.234	-0.5	78	0.00
82 T	4-Chlorotoluene	50.000	50.721	-1.4	80	0.00
83 T	tert-Butylbenzene	50.000	55.386	-10.8	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.051	-6.1	81	0.00
85 T	sec-Butylbenzene	50.000	53.558	-7.1	81	0.00
86 T	p-Isopropyltoluene	50.000	52.796	-5.6	80	0.00
87 T	1,3-Dichlorobenzene	50.000	50.709	-1.4	82	0.00
88 T	1,4-Dichlorobenzene	50.000	49.822	0.4	81	0.00
89 T	n-Butylbenzene	50.000	52.936	-5.9	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.382	-4.8	83	0.00
91 T	1,2-Dichlorobenzene	50.000	50.647	-1.3	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.431	3.1	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.515	-7.0	81	0.00
94 T	Hexachlorobutadiene	50.000	53.814	-7.6	86	0.00
95 T	Naphthalene	50.000	54.713	-9.4	79	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.705	-5.4	79	0.00

(#) = Out of Range

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