

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD082420\
 Data File : VD066372.D
 Acq On : 24 Aug 2020 10:31
 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: Aug 25 03:19:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 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	45.895	8.2	80	0.00
3 P	Chloromethane	50.000	45.848	8.3	80	0.00
4 C	Vinyl Chloride	50.000	46.664	6.7#	80	0.00
5 T	Bromomethane	50.000	49.448	1.1	85	0.00
6 T	Chloroethane	50.000	49.856	0.3	85	0.00
7 T	Trichlorofluoromethane	50.000	50.496	-1.0	85	0.00
8 T	Diethyl Ether	50.000	47.497	5.0	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.106	3.8	82	0.00
10 T	Methyl Iodide	50.000	43.025	14.0	67	-0.01
11 T	Tert butyl alcohol	250.000	259.020	-3.6	84	0.00
12 CM	1,1-Dichloroethene	50.000	46.698	6.6#	77	0.00
13 T	Acrolein	250.000	201.672	19.3	67	0.00
14 T	Allyl chloride	50.000	45.751	8.5	75	0.00
15 T	Acrylonitrile	250.000	238.380	4.6	78	0.00
16 T	Acetone	250.000	298.555	-19.4	98	-0.01
17 T	Carbon Disulfide	50.000	46.629	6.7	77	0.00
18 T	Methyl Acetate	50.000	46.166	7.7	77	0.00
19 T	Methyl tert-butyl Ether	50.000	50.746	-1.5	82	0.00
20 T	Methylene Chloride	50.000	44.692	10.6	73	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.442	5.1	80	0.00
22 T	Diisopropyl ether	50.000	46.824	6.4	75	0.00
23 T	Vinyl Acetate	250.000	244.974	2.0	77	0.00
24 P	1,1-Dichloroethane	50.000	47.308	5.4	79	0.00
25 T	2-Butanone	250.000	258.092	-3.2	85	-0.01
26 T	2,2-Dichloropropane	50.000	50.702	-1.4	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.328	3.3	80	0.00
28 T	Bromochloromethane	50.000	52.692	-5.4	84	0.00
29 T	Tetrahydrofuran	250.000	236.086	5.6	76	0.00
30 C	Chloroform	50.000	49.359	1.3#	80	0.00
31 T	Cyclohexane	50.000	43.525	13.0	77	0.00
32 T	1,1,1-Trichloroethane	50.000	50.503	-1.0	83	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.286	-8.6	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35 S	Dibromofluoromethane	50.000	52.978	-6.0	81	0.00
36 T	1,1-Dichloropropene	50.000	50.793	-1.6	80	0.00
37 T	Ethyl Acetate	50.000	48.560	2.9	76	0.00
38 T	Carbon Tetrachloride	50.000	53.531	-7.1	84	0.00
39 T	Methylcyclohexane	50.000	50.644	-1.3	76	0.00
40 TM	Benzene	50.000	51.145	-2.3	79	0.00
41 T	Methacrylonitrile	50.000	54.959	-9.9	79	0.00
42 TM	1,2-Dichloroethane	50.000	53.725	-7.5	83	0.00
43 T	Isopropyl Acetate	50.000	48.925	2.2	75	0.00
44 TM	Trichloroethene	50.000	50.259	-0.5	79	0.00
45 C	1,2-Dichloropropane	50.000	49.401	1.2#	76	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	52.793	-5.6	81	0.00
47 T	Bromodichloromethane	50.000	52.393	-4.8	81	0.00
48 T	Methyl methacrylate	50.000	51.427	-2.9	82	0.00
49 T	1,4-Dioxane	1000.000	1047.960	-4.8	75	0.00
50 S	Toluene-d8	50.000	54.432	-8.9	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	257.515	-3.0	77	0.00
52 CM	Toluene	50.000	51.378	-2.8#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	51.520	-3.0	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.018	-2.0	78	0.00
55 T	1,1,2-Trichloroethane	50.000	50.247	-0.5	79	0.00
56 T	Ethyl methacrylate	50.000	51.274	-2.5	76	0.00
57 T	1,3-Dichloropropane	50.000	51.057	-2.1	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.058	-6.0	79	0.00
59 T	2-Hexanone	250.000	280.982	-12.4	81	0.00
60 T	Dibromochloromethane	50.000	52.907	-5.8	83	0.00
61 T	1,2-Dibromoethane	50.000	50.820	-1.6	80	0.00
62 S	4-Bromofluorobenzene	50.000	53.419	-6.8	82	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64 T	Tetrachloroethene	50.000	51.060	-2.1	81	0.00
65 PM	Chlorobenzene	50.000	50.564	-1.1	79	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.163	-4.3	83	0.00
67 C	Ethyl Benzene	50.000	51.220	-2.4#	79	0.00
68 T	m/p-Xylenes	100.000	103.107	-3.1	79	0.00
69 T	o-Xylene	50.000	50.955	-1.9	81	0.00
70 T	Styrene	50.000	50.481	-1.0	78	0.00
71 P	Bromoform	50.000	51.729	-3.5	82	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73 T	Isopropylbenzene	50.000	51.063	-2.1	80	0.00
74 T	N-amyl acetate	50.000	49.453	1.1	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.937	2.1	78	0.00
76 T	1,2,3-Trichloropropane	50.000	47.402	5.2	75	0.00
77 T	Bromobenzene	50.000	52.452	-4.9	82	0.00
78 T	n-propylbenzene	50.000	50.819	-1.6	80	0.00
79 T	2-Chlorotoluene	50.000	50.602	-1.2	80	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.314	-2.6	79	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.401	3.2	74	0.00
82 T	4-Chlorotoluene	50.000	51.301	-2.6	80	0.00
83 T	tert-Butylbenzene	50.000	51.476	-3.0	81	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.110	-6.2	83	0.00
85 T	sec-Butylbenzene	50.000	50.700	-1.4	79	0.00
86 T	p-Isopropyltoluene	50.000	52.487	-5.0	82	0.00
87 T	1,3-Dichlorobenzene	50.000	50.659	-1.3	80	0.00
88 T	1,4-Dichlorobenzene	50.000	50.785	-1.6	82	0.00
89 T	n-Butylbenzene	50.000	52.069	-4.1	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.199	1.6	79	0.00
91 T	1,2-Dichlorobenzene	50.000	53.102	-6.2	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.307	-2.6	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.295	-4.6	81	0.00
94 T	Hexachlorobutadiene	50.000	51.824	-3.6	81	0.00
95 T	Naphthalene	50.000	53.660	-7.3	81	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.457	-8.9	83	0.00

(#) = Out of Range

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