

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD072320\
 Data File : VD066015.D
 Acq On : 23 Jul 2020 10:44
 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: Jul 24 03:32:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	46.906	6.2	91	0.00
3 P	Chloromethane	50.000	47.186	5.6	89	0.00
4 C	Vinyl Chloride	50.000	51.201	-2.4#	94	0.00
5 T	Bromomethane	50.000	49.624	0.8	81	0.00
6 T	Chloroethane	50.000	50.659	-1.3	89	0.00
7 T	Trichlorofluoromethane	50.000	51.199	-2.4	92	0.00
8 T	Diethyl Ether	50.000	48.459	3.1	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.564	-1.1	91	0.00
10 T	Methyl Iodide	50.000	55.474	-10.9	119	0.00
11 T	Tert butyl alcohol	250.000	218.754	12.5	78	-0.02
12 CM	1,1-Dichloroethene	50.000	51.428	-2.9#	92	0.00
13 T	Acrolein	250.000	243.840	2.5	100	0.00
14 T	Allyl chloride	50.000	49.928	0.1	87	0.00
15 T	Acrylonitrile	250.000	242.192	3.1	86	-0.01
16 T	Acetone	250.000	285.684	-14.3	99	0.00
17 T	Carbon Disulfide	50.000	48.513	3.0	87	0.00
18 T	Methyl Acetate	50.000	46.085	7.8	87	0.00
19 T	Methyl tert-butyl Ether	50.000	50.777	-1.6	90	0.00
20 T	Methylene Chloride	50.000	51.086	-2.2	91	-0.01
21 T	trans-1,2-Dichloroethene	50.000	50.210	-0.4	90	0.00
22 T	Diisopropyl ether	50.000	50.975	-2.0	88	0.00
23 T	Vinyl Acetate	250.000	259.228	-3.7	89	0.00
24 P	1,1-Dichloroethane	50.000	51.202	-2.4	90	0.00
25 T	2-Butanone	250.000	249.209	0.3	88	0.00
26 T	2,2-Dichloropropane	50.000	51.892	-3.8	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.743	0.5	88	0.00
28 T	Bromochloromethane	50.000	53.058	-6.1	103	0.00
29 T	Tetrahydrofuran	250.000	243.626	2.5	86	0.00
30 C	Chloroform	50.000	50.781	-1.6#	91	0.00
31 T	Cyclohexane	50.000	48.340	3.3	88	0.00
32 T	1,1,1-Trichloroethane	50.000	52.336	-4.7	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.162	3.7	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	48.802	2.4	100	0.00
36 T	1,1-Dichloropropene	50.000	52.618	-5.2	91	0.00
37 T	Ethyl Acetate	50.000	51.445	-2.9	91	0.00
38 T	Carbon Tetrachloride	50.000	53.279	-6.6	92	0.00
39 T	Methylcyclohexane	50.000	54.629	-9.3	91	0.00
40 TM	Benzene	50.000	52.745	-5.5	91	0.00
41 T	Methacrylonitrile	50.000	65.574	-31.1#	111	0.00
42 TM	1,2-Dichloroethane	50.000	51.853	-3.7	91	0.00
43 T	Isopropyl Acetate	50.000	50.670	-1.3	88	0.00
44 TM	Trichloroethene	50.000	53.050	-6.1	93	0.00
45 C	1,2-Dichloropropane	50.000	51.005	-2.0#	88	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	51.977	-4.0	90	0.00
47 T	Bromodichloromethane	50.000	51.918	-3.8	91	0.00
48 T	Methyl methacrylate	50.000	52.984	-6.0	91	0.00
49 T	1,4-Dioxane	1000.000	990.641	0.9	84	0.00
50 S	Toluene-d8	50.000	50.307	-0.6	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	259.427	-3.8	88	0.00
52 CM	Toluene	50.000	53.903	-7.8#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	54.008	-8.0	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.761	-5.5	90	0.00
55 T	1,1,2-Trichloroethane	50.000	51.814	-3.6	91	0.00
56 T	Ethyl methacrylate	50.000	53.970	-7.9	88	0.00
57 T	1,3-Dichloropropane	50.000	53.429	-6.9	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.113	1.6	97	0.00
59 T	2-Hexanone	250.000	268.017	-7.2	89	0.00
60 T	Dibromochloromethane	50.000	53.543	-7.1	94	0.00
61 T	1,2-Dibromoethane	50.000	52.090	-4.2	90	0.00
62 S	4-Bromofluorobenzene	50.000	50.517	-1.0	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	54.174	-8.3	94	0.00
65 PM	Chlorobenzene	50.000	53.394	-6.8	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.431	-8.9	93	0.00
67 C	Ethyl Benzene	50.000	55.202	-10.4#	94	0.00
68 T	m/p-Xylenes	100.000	111.060	-11.1	93	0.00
69 T	o-Xylene	50.000	55.723	-11.4	93	0.00
70 T	Styrene	50.000	55.523	-11.0	92	0.00
71 P	Bromoform	50.000	54.007	-8.0	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	54.465	-8.9	94	0.00
74 T	N-amyl acetate	50.000	53.267	-6.5	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.329	-2.7	93	0.00
76 T	1,2,3-Trichloropropane	50.000	42.440	15.1	80	0.00
77 T	Bromobenzene	50.000	53.346	-6.7	96	0.00
78 T	n-propylbenzene	50.000	54.795	-9.6	94	0.00
79 T	2-Chlorotoluene	50.000	53.705	-7.4	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.148	-10.3	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.718	-3.4	93	0.00
82 T	4-Chlorotoluene	50.000	54.036	-8.1	95	0.00
83 T	tert-Butylbenzene	50.000	55.669	-11.3	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.312	-10.6	96	0.00
85 T	sec-Butylbenzene	50.000	55.622	-11.2	96	0.00
86 T	p-Isopropyltoluene	50.000	56.520	-13.0	96	0.00
87 T	1,3-Dichlorobenzene	50.000	53.335	-6.7	96	0.00
88 T	1,4-Dichlorobenzene	50.000	52.755	-5.5	96	0.00
89 T	n-Butylbenzene	50.000	56.319	-12.6	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.226	-4.5	95	0.00
91 T	1,2-Dichlorobenzene	50.000	53.021	-6.0	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.094	-2.2	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.228	-10.5	99	0.00
94 T	Hexachlorobutadiene	50.000	55.371	-10.7	98	0.00
95 T	Naphthalene	50.000	50.181	-0.4	97	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.843	-9.7	98	0.00

(#) = Out of Range

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