

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD091420\
 Data File : VD066665.D
 Acq On : 14 Sep 2020 11:31
 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: Sep 15 01:33:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 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	103	0.00
2 T	Dichlorodifluoromethane	50.000	50.235	-0.5	106	0.00
3 P	Chloromethane	50.000	40.292	19.4	93	0.00
4 C	Vinyl Chloride	50.000	39.220	21.6#	87	0.00
5 T	Bromomethane	50.000	42.394	15.2	85	0.00
6 T	Chloroethane	50.000	38.430	23.1#	85	0.00
7 T	Trichlorofluoromethane	50.000	47.606	4.8	107	0.00
8 T	Diethyl Ether	50.000	47.704	4.6	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.953	0.1	112	0.00
10 T	Methyl Iodide	50.000	51.893	-3.8	118	0.00
11 T	Tert butyl alcohol	250.000	232.473	7.0	106	0.00
12 CM	1,1-Dichloroethene	50.000	50.052	-0.1#	111	0.00
13 T	Acrolein	250.000	241.568	3.4	116	0.00
14 T	Allyl chloride	50.000	49.536	0.9	108	0.00
15 T	Acrylonitrile	250.000	249.273	0.3	107	0.00
16 T	Acetone	250.000	296.929	-18.8	132	0.00
17 T	Carbon Disulfide	50.000	46.485	7.0	102	0.00
18 T	Methyl Acetate	50.000	47.773	4.5	109	0.00
19 T	Methyl tert-butyl Ether	50.000	50.974	-1.9	108	0.00
20 T	Methylene Chloride	50.000	48.254	3.5	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.092	-0.2	108	0.00
22 T	Diisopropyl ether	50.000	49.880	0.2	104	0.00
23 T	Vinyl Acetate	250.000	253.312	-1.3	103	0.00
24 P	1,1-Dichloroethane	50.000	49.243	1.5	107	0.00
25 T	2-Butanone	250.000	258.077	-3.2	115	0.00
26 T	2,2-Dichloropropane	50.000	50.466	-0.9	113	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.282	-2.6	111	0.00
28 T	Bromochloromethane	50.000	47.408	5.2	99	0.00
29 T	Tetrahydrofuran	250.000	240.326	3.9	102	0.00
30 C	Chloroform	50.000	48.995	2.0#	107	0.00
31 T	Cyclohexane	50.000	47.028	5.9	105	0.00
32 T	1,1,1-Trichloroethane	50.000	48.995	2.0	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.115	7.8	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	50.404	-0.8	108	0.00
36 T	1,1-Dichloropropene	50.000	51.925	-3.8	107	0.00
37 T	Ethyl Acetate	50.000	48.773	2.5	99	0.00
38 T	Carbon Tetrachloride	50.000	53.638	-7.3	111	0.00
39 T	Methylcyclohexane	50.000	55.123	-10.2	108	0.00
40 TM	Benzene	50.000	50.858	-1.7	106	0.00
41 T	Methacrylonitrile	50.000	56.337	-12.7	102	0.01
42 TM	1,2-Dichloroethane	50.000	48.051	3.9	102	0.00
43 T	Isopropyl Acetate	50.000	49.452	1.1	102	0.00
44 TM	Trichloroethene	50.000	53.295	-6.6	111	0.00
45 C	1,2-Dichloropropane	50.000	50.231	-0.5#	106	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	49.361	1.3	105	0.00
47 T	Bromodichloromethane	50.000	50.298	-0.6	106	0.00
48 T	Methyl methacrylate	50.000	52.148	-4.3	105	0.00
49 T	1,4-Dioxane	1000.000	980.630	1.9	99	-0.01
50 S	Toluene-d8	50.000	52.105	-4.2	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	258.024	-3.2	105	0.00
52 CM	Toluene	50.000	52.185	-4.4#	107	0.00
53 T	t-1,3-Dichloropropene	50.000	52.603	-5.2	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.090	-4.2	108	0.00
55 T	1,1,2-Trichloroethane	50.000	51.829	-3.7	111	0.00
56 T	Ethyl methacrylate	50.000	54.233	-8.5	107	0.00
57 T	1,3-Dichloropropane	50.000	50.817	-1.6	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.382	1.4	102	0.00
59 T	2-Hexanone	250.000	272.244	-8.9	108	0.00
60 T	Dibromochloromethane	50.000	51.636	-3.3	109	0.00
61 T	1,2-Dibromoethane	50.000	50.887	-1.8	105	0.00
62 S	4-Bromofluorobenzene	50.000	50.796	-1.6	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	53.547	-7.1	111	0.00
65 PM	Chlorobenzene	50.000	52.768	-5.5	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.664	-3.3	105	0.00
67 C	Ethyl Benzene	50.000	54.099	-8.2#	107	0.00
68 T	m/p-Xylenes	100.000	111.794	-11.8	107	0.00
69 T	o-Xylene	50.000	55.618	-11.2	107	0.00
70 T	Styrene	50.000	55.571	-11.1	107	0.00
71 P	Bromoform	50.000	52.187	-4.4	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	55.396	-10.8	108	0.00
74 T	N-amyl acetate	50.000	51.769	-3.5	103	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.472	-0.9	103	0.00
76 T	1,2,3-Trichloropropane	50.000	42.480	15.0	82	0.00
77 T	Bromobenzene	50.000	54.015	-8.0	110	0.00
78 T	n-propylbenzene	50.000	55.274	-10.5	107	0.00
79 T	2-Chlorotoluene	50.000	53.375	-6.8	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.693	-9.4	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.259	-8.5	114	0.00
82 T	4-Chlorotoluene	50.000	54.123	-8.2	108	0.00
83 T	tert-Butylbenzene	50.000	56.785	-13.6	111	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.699	-9.4	107	0.00
85 T	sec-Butylbenzene	50.000	56.170	-12.3	109	0.00
86 T	p-Isopropyltoluene	50.000	56.678	-13.4	109	0.00
87 T	1,3-Dichlorobenzene	50.000	52.267	-4.5	108	0.00
88 T	1,4-Dichlorobenzene	50.000	51.762	-3.5	107	0.00
89 T	n-Butylbenzene	50.000	55.661	-11.3	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.296	-2.6	104	0.00
91 T	1,2-Dichlorobenzene	50.000	51.448	-2.9	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.741	4.5	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.222	-12.4	112	0.00
94 T	Hexachlorobutadiene	50.000	54.259	-8.5	108	0.00
95 T	Naphthalene	50.000	57.131	-14.3	109	0.00
96 T	1,2,3-Trichlorobenzene	50.000	56.980	-14.0	112	0.00

(#) = Out of Range

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