

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD020620\
 Data File : VD065100.D
 Acq On : 06 Feb 2020 21:38
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 07 07:20:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 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	68	0.00
2 T	Dichlorodifluoromethane	50.000	49.628	0.7	65	0.00
3 P	Chloromethane	50.000	59.096	-18.2	83	0.00
4 C	Vinyl Chloride	50.000	55.725	-11.5#	75	0.00
5 T	Bromomethane	50.000	55.801	-11.6	78	0.00
6 T	Chloroethane	50.000	58.744	-17.5	79	0.00
7 T	Trichlorofluoromethane	50.000	55.354	-10.7	74	0.00
8 T	Diethyl Ether	50.000	56.881	-13.8	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.191	-0.4	67	0.00
10 T	Methyl Iodide	50.000	51.839	-3.7	67	0.00
11 T	Tert butyl alcohol	250.000	266.624	-6.6	79	0.00
12 CM	1,1-Dichloroethene	50.000	51.352	-2.7#	70	0.00
13 T	Acrolein	250.000	293.762	-17.5	85	0.00
14 T	Allyl chloride	50.000	53.404	-6.8	73	0.00
15 T	Acrylonitrile	250.000	293.723	-17.5	83	0.00
16 T	Acetone	250.000	263.864	-5.5	75	0.00
17 T	Carbon Disulfide	50.000	53.715	-7.4	73	0.00
18 T	Methyl Acetate	50.000	58.116	-16.2	85	0.00
19 T	Methyl tert-butyl Ether	50.000	56.796	-13.6	79	0.00
20 T	Methylene Chloride	50.000	60.562	-21.1#	80	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.350	-8.7	75	0.00
22 T	Diisopropyl ether	50.000	59.886	-19.8	82	0.00
23 T	Vinyl Acetate	250.000	289.891	-16.0	78	0.00
24 P	1,1-Dichloroethane	50.000	57.198	-14.4	79	0.00
25 T	2-Butanone	250.000	285.935	-14.4	82	0.00
26 T	2,2-Dichloropropane	50.000	51.079	-2.2	68	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.850	-11.7	76	0.00
28 T	Bromochloromethane	50.000	62.930	-25.9#	88	0.00
29 T	Tetrahydrofuran	250.000	294.263	-17.7	83	0.00
30 C	Chloroform	50.000	58.141	-16.3#	80	0.00
31 T	Cyclohexane	50.000	49.057	1.9	69	0.00
32 T	1,1,1-Trichloroethane	50.000	53.792	-7.6	73	0.00
33 S	1,2-Dichloroethane-d4	50.000	63.586	-27.2#	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35 S	Dibromofluoromethane	50.000	61.580	-23.2#	83	0.00
36 T	1,1-Dichloropropene	50.000	51.817	-3.6	73	0.00
37 T	Ethyl Acetate	50.000	56.102	-12.2	84	0.00
38 T	Carbon Tetrachloride	50.000	51.515	-3.0	72	0.00
39 T	Methylcyclohexane	50.000	48.714	2.6	67	0.00
40 TM	Benzene	50.000	55.697	-11.4	79	0.00
41 T	Methacrylonitrile	50.000	46.537	6.9	67	0.00
42 TM	1,2-Dichloroethane	50.000	56.679	-13.4	81	0.00
43 T	Isopropyl Acetate	50.000	55.433	-10.9	80	0.00
44 TM	Trichloroethene	50.000	51.345	-2.7	73	0.00
45 C	1,2-Dichloropropane	50.000	57.943	-15.9#	82	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	58.088	-16.2	84	0.00
47 T	Bromodichloromethane	50.000	58.397	-16.8	83	0.00
48 T	Methyl methacrylate	50.000	54.415	-8.8	79	0.00
49 T	1,4-Dioxane	1000.000	1117.513	-11.8	82	0.00
50 S	Toluene-d8	50.000	59.074	-18.1	79	0.00
51 T	4-Methyl-2-Pentanone	250.000	290.633	-16.3	84	0.00
52 CM	Toluene	50.000	55.099	-10.2#	77	0.00
53 T	t-1,3-Dichloropropene	50.000	56.409	-12.8	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.857	-11.7	79	0.00
55 T	1,1,2-Trichloroethane	50.000	56.468	-12.9	82	0.00
56 T	Ethyl methacrylate	50.000	58.107	-16.2	82	0.00
57 T	1,3-Dichloropropane	50.000	57.798	-15.6	83	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	252.614	-1.0	60	0.00
59 T	2-Hexanone	250.000	287.552	-15.0	81	0.00
60 T	Dibromochloromethane	50.000	58.111	-16.2	83	0.00
61 T	1,2-Dibromoethane	50.000	56.006	-12.0	81	0.00
62 S	4-Bromofluorobenzene	50.000	60.192	-20.4#	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64 T	Tetrachloroethene	50.000	56.897	-13.8	86	0.00
65 PM	Chlorobenzene	50.000	53.399	-6.8	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.566	-9.1	81	0.00
67 C	Ethyl Benzene	50.000	51.312	-2.6#	76	0.00
68 T	m/p-Xylenes	100.000	106.776	-6.8	78	0.00
69 T	o-Xylene	50.000	52.756	-5.5	78	0.00
70 T	Styrene	50.000	55.016	-10.0	81	0.00
71 P	Bromoform	50.000	54.906	-9.8	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73 T	Isopropylbenzene	50.000	49.590	0.8	75	0.00
74 T	N-amyl acetate	50.000	53.907	-7.8	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.654	-5.3	83	0.00
76 T	1,2,3-Trichloropropane	50.000	55.004	-10.0	84	0.00
77 T	Bromobenzene	50.000	50.655	-1.3	79	0.00
78 T	n-propylbenzene	50.000	50.651	-1.3	77	0.00
79 T	2-Chlorotoluene	50.000	50.266	-0.5	77	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.570	-1.1	78	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.015	-0.0	77	0.00
82 T	4-Chlorotoluene	50.000	50.995	-2.0	79	0.00
83 T	tert-Butylbenzene	50.000	49.060	1.9	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.295	-2.6	79	0.00
85 T	sec-Butylbenzene	50.000	49.162	1.7	74	0.00
86 T	p-Isopropyltoluene	50.000	50.783	-1.6	76	0.00
87 T	1,3-Dichlorobenzene	50.000	52.208	-4.4	82	0.00
88 T	1,4-Dichlorobenzene	50.000	50.485	-1.0	80	0.00
89 T	n-Butylbenzene	50.000	49.584	0.8	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.972	0.1	76	0.00
91 T	1,2-Dichlorobenzene	50.000	51.811	-3.6	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.981	-4.0	82	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.739	2.5	76	0.00
94 T	Hexachlorobutadiene	50.000	46.211	7.6	72	0.00
95 T	Naphthalene	50.000	50.712	-1.4	80	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.573	0.9	79	0.00

(#) = Out of Range

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