

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020720\
 Data File : VD065122.D
 Acq On : 07 Feb 2020 21:05
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 08 01:03:07 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	67	0.00
2 T	Dichlorodifluoromethane	50.000	50.052	-0.1	65	0.00
3 P	Chloromethane	50.000	59.268	-18.5	82	0.00
4 C	Vinyl Chloride	50.000	55.027	-10.1#	73	0.00
5 T	Bromomethane	50.000	53.179	-6.4	73	0.00
6 T	Chloroethane	50.000	57.626	-15.3	76	0.00
7 T	Trichlorofluoromethane	50.000	54.132	-8.3	71	0.00
8 T	Diethyl Ether	50.000	58.463	-16.9	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.068	-2.1	67	0.00
10 T	Methyl Iodide	50.000	51.240	-2.5	65	0.00
11 T	Tert butyl alcohol	250.000	281.796	-12.7	82	0.00
12 CM	1,1-Dichloroethene	50.000	51.720	-3.4#	70	0.00
13 T	Acrolein	250.000	273.701	-9.5	78	0.00
14 T	Allyl chloride	50.000	53.825	-7.7	72	0.00
15 T	Acrylonitrile	250.000	311.958	-24.8#	86	0.00
16 T	Acetone	250.000	221.488	11.4	62	0.00
17 T	Carbon Disulfide	50.000	53.539	-7.1	71	0.00
18 T	Methyl Acetate	50.000	61.442	-22.9#	88	0.00
19 T	Methyl tert-butyl Ether	50.000	58.842	-17.7	80	0.00
20 T	Methylene Chloride	50.000	60.416	-20.8#	78	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.534	-9.1	74	0.00
22 T	Diisopropyl ether	50.000	60.528	-21.1#	81	0.00
23 T	Vinyl Acetate	250.000	317.302	-26.9#	84	0.00
24 P	1,1-Dichloroethane	50.000	57.374	-14.7	78	0.00
25 T	2-Butanone	250.000	292.926	-17.2	82	0.00
26 T	2,2-Dichloropropane	50.000	50.411	-0.8	66	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.285	-12.6	75	0.00
28 T	Bromochloromethane	50.000	62.227	-24.5#	86	0.00
29 T	Tetrahydrofuran	250.000	324.049	-29.6#	90	0.00
30 C	Chloroform	50.000	58.612	-17.2#	79	0.00
31 T	Cyclohexane	50.000	48.975	2.0	68	0.00
32 T	1,1,1-Trichloroethane	50.000	53.927	-7.9	72	0.00
33 S	1,2-Dichloroethane-d4	50.000	63.713	-27.4#	83	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	71	0.00
35 S	Dibromofluoromethane	50.000	61.953	-23.9#	82	0.00
36 T	1,1-Dichloropropene	50.000	52.069	-4.1	71	0.00
37 T	Ethyl Acetate	50.000	61.696	-23.4#	90	0.00
38 T	Carbon Tetrachloride	50.000	52.346	-4.7	72	0.00
39 T	Methylcyclohexane	50.000	48.869	2.3	66	0.00
40 TM	Benzene	50.000	55.919	-11.8	78	0.00
41 T	Methacrylonitrile	50.000	51.014	-2.0	72	0.00
42 TM	1,2-Dichloroethane	50.000	58.260	-16.5	81	0.00
43 T	Isopropyl Acetate	50.000	59.294	-18.6	84	0.00
44 TM	Trichloroethene	50.000	51.414	-2.8	71	0.00
45 C	1,2-Dichloropropane	50.000	57.996	-16.0#	80	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	59.089	-18.2	83	0.00
47 T	Bromodichloromethane	50.000	58.921	-17.8	82	0.00
48 T	Methyl methacrylate	50.000	59.046	-18.1	84	0.00
49 T	1,4-Dioxane	1000.000	1221.672	-22.2#	87	0.00
50 S	Toluene-d8	50.000	59.513	-19.0	78	0.00
51 T	4-Methyl-2-Pentanone	250.000	317.133	-26.9#	89	0.00
52 CM	Toluene	50.000	55.766	-11.5#	76	0.00
53 T	t-1,3-Dichloropropene	50.000	57.610	-15.2	79	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.738	-13.5	79	0.00
55 T	1,1,2-Trichloroethane	50.000	60.046	-20.1#	85	0.00
56 T	Ethyl methacrylate	50.000	61.083	-22.2#	84	0.00
57 T	1,3-Dichloropropane	50.000	58.633	-17.3	82	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	274.012	-9.6	63	0.00
59 T	2-Hexanone	250.000	300.509	-20.2#	83	0.00
60 T	Dibromochloromethane	50.000	59.503	-19.0	83	0.00
61 T	1,2-Dibromoethane	50.000	59.756	-19.5	84	0.00
62 S	4-Bromofluorobenzene	50.000	60.036	-20.1#	79	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	75	0.00
64 T	Tetrachloroethene	50.000	47.473	5.1	69	0.00
65 PM	Chlorobenzene	50.000	53.724	-7.4	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.145	-10.3	79	0.00
67 C	Ethyl Benzene	50.000	52.988	-6.0#	76	0.00
68 T	m/p-Xylenes	100.000	106.495	-6.5	76	0.00
69 T	o-Xylene	50.000	53.311	-6.6	76	0.00
70 T	Styrene	50.000	56.581	-13.2	80	0.00
71 P	Bromoform	50.000	56.782	-13.6	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	50.175	-0.3	74	0.00
74 T	N-amyl acetate	50.000	57.774	-15.5	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.874	-13.7	87	0.00
76 T	1,2,3-Trichloropropane	50.000	59.574	-19.1	88	0.00
77 T	Bromobenzene	50.000	52.152	-4.3	79	0.00
78 T	n-propylbenzene	50.000	50.834	-1.7	75	0.00
79 T	2-Chlorotoluene	50.000	50.965	-1.9	76	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.093	-2.2	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.393	-10.8	83	0.00
82 T	4-Chlorotoluene	50.000	52.335	-4.7	78	0.00
83 T	tert-Butylbenzene	50.000	50.575	-1.2	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.929	-3.9	77	0.00
85 T	sec-Butylbenzene	50.000	49.991	0.0	73	0.00
86 T	p-Isopropyltoluene	50.000	51.531	-3.1	75	0.00
87 T	1,3-Dichlorobenzene	50.000	52.691	-5.4	80	0.00
88 T	1,4-Dichlorobenzene	50.000	52.050	-4.1	80	0.00
89 T	n-Butylbenzene	50.000	50.486	-1.0	73	0.00

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90 T	Hexachloroethane	50.000	51.593	-3.2	76	0.00
91 T	1,2-Dichlorobenzene	50.000	53.698	-7.4	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.507	-11.0	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.153	-0.3	75	0.00
94 T	Hexachlorobutadiene	50.000	46.492	7.0	70	0.00
95 T	Naphthalene	50.000	53.393	-6.8	82	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.151	-4.3	81	0.00

(#) = Out of Range

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