

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD052819\
 Data File : VD062535.D
 Acq On : 28 May 2019 12:34
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 29 01:12:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 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	50.979	-2.0	68	0.00
3 P	Chloromethane	50.000	45.307	9.4	66	0.00
4 C	Vinyl Chloride	50.000	53.445	-6.9#	74	0.00
5 T	Bromomethane	50.000	74.707	-49.4#	103	0.00
6 T	Chloroethane	50.000	65.566	-31.1#	86	0.00
7 T	Trichlorofluoromethane	50.000	64.030	-28.1#	85	0.00
8 T	Diethyl Ether	50.000	61.448	-22.9#	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.898	-7.8	72	0.00
10 T	Methyl Iodide	50.000	58.203	-16.4	72	0.00
11 T	Tert butyl alcohol	250.000	273.000	-9.2	74	-0.01
12 CM	1,1-Dichloroethene	50.000	52.871	-5.7#	70	0.00
13 T	Acrolein	250.000	252.849	-1.1	72	0.00
14 T	Allyl chloride	50.000	50.510	-1.0	72	0.00
15 T	Acrylonitrile	250.000	253.027	-1.2	73	-0.01
16 T	Acetone	250.000	302.500	-21.0#	77	0.00
17 T	Carbon Disulfide	50.000	47.230	5.5	64	0.00
18 T	Methyl Acetate	50.000	51.294	-2.6	73	0.00
19 T	Methyl tert-butyl Ether	50.000	56.573	-13.1	79	0.00
20 T	Methylene Chloride	50.000	49.751	0.5	65	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.081	5.8	65	0.00
22 T	Diisopropyl ether	50.000	50.691	-1.4	69	0.00
23 T	Vinyl Acetate	250.000	263.755	-5.5	69	0.00
24 P	1,1-Dichloroethane	50.000	50.534	-1.1	71	0.00
25 T	2-Butanone	250.000	262.381	-5.0	69	0.00
26 T	2,2-Dichloropropane	50.000	60.844	-21.7#	81	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.122	-0.2	67	0.00
28 T	Bromochloromethane	50.000	48.367	3.3	65	0.00
29	Tetrahydrofuran	250.000	250.129	-0.1	68	0.00
30 C	Chloroform	50.000	54.858	-9.7#	73	0.00
31 T	Cyclohexane	50.000	49.414	1.2	64	0.00
32 T	1,1,1-Trichloroethane	50.000	54.662	-9.3	70	-0.01
33 S	1,2-Dichloroethane-d4	50.000	58.668	-17.3	77	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	64	0.00
35 S	Dibromofluoromethane	50.000	51.922	-3.8	65	0.00
36 T	1,1-Dichloropropene	50.000	55.647	-11.3	74	-0.01
37 T	Ethyl Acetate	50.000	55.658	-11.3	73	0.00
38 T	Carbon Tetrachloride	50.000	60.090	-20.2#	78	0.00
39 T	Methylcyclohexane	50.000	53.190	-6.4	71	0.00
40 TM	Benzene	50.000	51.771	-3.5	67	0.00
41 T	Methacrylonitrile	50.000	54.025	-8.0	69	0.00
42 TM	1,2-Dichloroethane	50.000	55.581	-11.2	72	0.00
43 T	Isopropyl Acetate	50.000	54.304	-8.6	71	0.00
44 TM	Trichloroethene	50.000	52.196	-4.4	65	0.00
45 C	1,2-Dichloropropane	50.000	49.240	1.5#	65	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	55.323	-10.6	71	0.00
47 T	Bromodichloromethane	50.000	54.777	-9.6	68	0.00
48 T	Methyl methacrylate	50.000	55.581	-11.2	68	0.00
49 T	1,4-Dioxane	1000.000	1169.936	-17.0	71	0.00
50 S	Toluene-d8	50.000	47.765	4.5	61	0.00
51 T	4-Methyl-2-Pentanone	250.000	279.971	-12.0	72	0.00
52 CM	Toluene	50.000	53.286	-6.6#	69	0.00
53 T	t-1,3-Dichloropropene	50.000	56.696	-13.4	73	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.461	-10.9	68	0.00
55 T	1,1,2-Trichloroethane	50.000	53.210	-6.4	72	0.00
56 T	Ethyl methacrylate	50.000	53.097	-6.2	68	0.00
57 T	1,3-Dichloropropane	50.000	53.023	-6.0	69	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	247.679	0.9	69	0.00
59 T	2-Hexanone	250.000	295.365	-18.1	74	0.00
60 T	Dibromochloromethane	50.000	58.918	-17.8	74	0.00
61 T	1,2-Dibromoethane	50.000	51.921	-3.8	66	0.00
62 S	4-Bromofluorobenzene	50.000	51.754	-3.5	65	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	64	0.00
64 T	Tetrachloroethene	50.000	53.616	-7.2	68	0.00
65 PM	Chlorobenzene	50.000	48.953	2.1	66	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.959	-15.9	75	0.00
67 C	Ethyl Benzene	50.000	54.452	-8.9#	71	0.00
68 T	m/p-Xylenes	100.000	98.010	2.0	63	0.00
69 T	o-Xylene	50.000	49.728	0.5	65	0.00
70 T	Styrene	50.000	49.405	1.2	66	0.00
71 P	Bromoform	50.000	59.576	-19.2	78	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	67	0.00
73 T	Isopropylbenzene	50.000	49.244	1.5	64	0.00
74 T	N-amyl acetate	50.000	55.287	-10.6	77	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.510	1.0	70	0.00
76 T	1,2,3-Trichloropropane	50.000	54.294	-8.6	75	0.00
77 T	Bromobenzene	50.000	50.061	-0.1	67	0.00
78 T	n-propylbenzene	50.000	54.905	-9.8	80	0.00
79 T	2-Chlorotoluene	50.000	54.074	-8.1	79	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.848	-5.7	71	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.887	-7.8	75	0.00
82 T	4-Chlorotoluene	50.000	52.058	-4.1	70	0.00
83 T	tert-Butylbenzene	50.000	52.913	-5.8	72	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.761	-3.5	71	0.00
85 T	sec-Butylbenzene	50.000	52.895	-5.8	73	0.00
86 T	p-Isopropyltoluene	50.000	52.763	-5.5	70	0.00
87 T	1,3-Dichlorobenzene	50.000	53.463	-6.9	70	0.00
88 T	1,4-Dichlorobenzene	50.000	52.383	-4.8	72	0.00
89 T	n-Butylbenzene	50.000	52.330	-4.7	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	57.865	-15.7	79	0.00
91 T	1,2-Dichlorobenzene	50.000	54.383	-8.8	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.695	-13.4	75	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.431	-0.9	66	0.00
94 T	Hexachlorobutadiene	50.000	54.051	-8.1	75	0.00
95 T	Naphthalene	50.000	53.116	-6.2	70	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.728	2.5	65	0.00

(#) = Out of Range

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