

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD052419\
 Data File : VD062526.D
 Acq On : 24 May 2019 11:39
 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 24 22:25:51 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	56	-0.02
2 T	Dichlorodifluoromethane	50.000	56.330	-12.7	62	0.00
3 P	Chloromethane	50.000	52.342	-4.7	64	0.00
4 C	Vinyl Chloride	50.000	54.751	-9.5#	64	-0.01
5 T	Bromomethane	50.000	66.202	-32.4#	77	-0.01
6 T	Chloroethane	50.000	62.953	-25.9#	69	-0.02
7 T	Trichlorofluoromethane	50.000	57.887	-15.8	65	-0.01
8 T	Diethyl Ether	50.000	53.189	-6.4	63	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.252	1.5	56	-0.01
10 T	Methyl Iodide	50.000	53.288	-6.6	56	-0.01
11 T	Tert butyl alcohol	250.000	245.726	1.7	56	-0.02
12 CM	1,1-Dichloroethene	50.000	49.488	1.0#	55	-0.02
13 T	Acrolein	250.000	264.226	-5.7	63	-0.02
14 T	Allyl chloride	50.000	48.121	3.8	58	-0.01
15 T	Acrylonitrile	250.000	228.468	8.6	55	-0.03
16 T	Acetone	250.000	269.658	-7.9	58	-0.02
17 T	Carbon Disulfide	50.000	45.339	9.3	51	-0.01
18 T	Methyl Acetate	50.000	46.339	7.3	56	-0.02
19 T	Methyl tert-butyl Ether	50.000	53.363	-6.7	63	-0.02
20 T	Methylene Chloride	50.000	47.117	5.8	52	-0.02
21 T	trans-1,2-Dichloroethene	50.000	48.810	2.4	57	-0.02
22 T	Diisopropyl ether	50.000	48.721	2.6	56	-0.02
23 T	Vinyl Acetate	250.000	252.280	-0.9	56	-0.02
24 P	1,1-Dichloroethane	50.000	48.495	3.0	58	-0.02
25 T	2-Butanone	250.000	241.199	3.5	54	-0.02
26 T	2,2-Dichloropropane	50.000	57.884	-15.8	65	-0.02
27 T	cis-1,2-Dichloroethene	50.000	47.890	4.2	54	-0.03
28 T	Bromochloromethane	50.000	48.274	3.5	55	-0.02
29	Tetrahydrofuran	250.000	226.132	9.5	52	-0.03
30 C	Chloroform	50.000	52.050	-4.1#	58	-0.02
31 T	Cyclohexane	50.000	43.902	12.2	48	-0.02
32 T	1,1,1-Trichloroethane	50.000	53.223	-6.4	57	-0.03
33 S	1,2-Dichloroethane-d4	50.000	60.022	-20.0#	66	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	53	-0.02
35 S	Dibromofluoromethane	50.000	53.198	-6.4	55	-0.02
36 T	1,1-Dichloropropene	50.000	54.085	-8.2	60	-0.03
37 T	Ethyl Acetate	50.000	58.061	-16.1	62	-0.03
38 T	Carbon Tetrachloride	50.000	59.000	-18.0	64	-0.02
39 T	Methylcyclohexane	50.000	55.198	-10.4	61	-0.02
40 TM	Benzene	50.000	50.597	-1.2	54	-0.02
41 T	Methacrylonitrile	50.000	50.269	-0.5	53	-0.03
42 TM	1,2-Dichloroethane	50.000	57.352	-14.7	62	-0.02
43 T	Isopropyl Acetate	50.000	51.854	-3.7	56	-0.02
44 TM	Trichloroethene	50.000	54.695	-9.4	56	-0.02
45 C	1,2-Dichloropropane	50.000	50.629	-1.3#	55	-0.01

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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	55.313	-10.6	59	-0.02
47 T	Bromodichloromethane	50.000	58.428	-16.9	60	-0.02
48 T	Methyl methacrylate	50.000	52.929	-5.9	53	-0.02
49 T	1,4-Dioxane	1000.000	951.717	4.8	48	-0.01
50 S	Toluene-d8	50.000	53.522	-7.0	56	-0.02
51 T	4-Methyl-2-Pentanone	250.000	264.173	-5.7	56	-0.02
52 CM	Toluene	50.000	50.536	-1.1#	54	-0.02
53 T	t-1,3-Dichloropropene	50.000	59.129	-18.3	63	-0.02
54 T	cis-1,3-Dichloropropene	50.000	54.193	-8.4	55	-0.01
55 T	1,1,2-Trichloroethane	50.000	50.469	-0.9	56	-0.01
56 T	Ethyl methacrylate	50.000	51.282	-2.6	54	-0.01
57 T	1,3-Dichloropropane	50.000	51.431	-2.9	55	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	236.622	5.4	55	-0.02
59 T	2-Hexanone	250.000	280.918	-12.4	58	-0.02
60 T	Dibromochloromethane	50.000	58.870	-17.7	61	-0.01
61 T	1,2-Dibromoethane	50.000	54.032	-8.1	57	-0.01
62 S	4-Bromofluorobenzene	50.000	55.889	-11.8	58	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	54	-0.01
64 T	Tetrachloroethene	50.000	52.189	-4.4	56	-0.02
65 PM	Chlorobenzene	50.000	48.362	3.3	55	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	58.467	-16.9	64	-0.01
67 C	Ethyl Benzene	50.000	55.203	-10.4#	60	-0.01
68 T	m/p-Xylenes	100.000	103.814	-3.8	56	-0.01
69 T	o-Xylene	50.000	46.905	6.2	52	0.00
70 T	Styrene	50.000	49.775	0.5	56	-0.01
71 P	Bromoform	50.000	59.992	-20.0	66	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	62	-0.01
73 T	Isopropylbenzene	50.000	50.219	-0.4	59	0.00
74 T	N-amyl acetate	50.000	48.462	3.1	62	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.388	13.2	56	0.00
76 T	1,2,3-Trichloropropane	50.000	48.044	3.9	61	-0.01
77 T	Bromobenzene	50.000	48.486	3.0	60	0.00
78 T	n-propylbenzene	50.000	50.085	-0.2	67	-0.01
79 T	2-Chlorotoluene	50.000	45.724	8.6	61	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	50.549	-1.1	62	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	45.841	8.3	59	0.00
82 T	4-Chlorotoluene	50.000	50.335	-0.7	62	-0.01
83 T	tert-Butylbenzene	50.000	47.015	6.0	59	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.201	9.6	57	-0.01
85 T	sec-Butylbenzene	50.000	50.392	-0.8	64	0.00
86 T	p-Isopropyltoluene	50.000	49.598	0.8	60	-0.01
87 T	1,3-Dichlorobenzene	50.000	47.650	4.7	57	0.00
88 T	1,4-Dichlorobenzene	50.000	52.413	-4.8	66	-0.01
89 T	n-Butylbenzene	50.000	51.182	-2.4	65	-0.01

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90 T	Hexachloroethane	50.000	49.518	1.0	62	0.00
91 T	1,2-Dichlorobenzene	50.000	51.396	-2.8	68	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.171	5.7	57	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	45.467	9.1	55	0.00
94 T	Hexachlorobutadiene	50.000	52.154	-4.3	66	-0.01
95 T	Naphthalene	50.000	48.740	2.5	59	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	44.759	10.5	54	-0.01

(#) = Out of Range

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