

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122218\
 Data File : VD060700.D
 Acq On : 22 Dec 2018 10:50
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 24 02:21:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 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	0.04
2 T	Dichlorodifluoromethane	50.000	51.324	-2.6	93	0.01
3 P	Chloromethane	50.000	50.477	-1.0	103	0.01
4 C	Vinyl Chloride	50.000	49.550	0.9#	98	0.01
5 T	Bromomethane	50.000	64.353	-28.7#	108	0.02
6 T	Chloroethane	50.000	60.025	-20.0#	107	0.02
7 T	Trichlorofluoromethane	50.000	53.167	-6.3	101	0.02
8 T	Diethyl Ether	50.000	53.725	-7.5	105	0.03
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.828	-3.7	103	0.03
10 T	Methyl Iodide	50.000	57.408	-14.8	105	0.03
11 T	Tert butyl alcohol	250.000	247.141	1.1	96	0.03
12 CM	1,1-Dichloroethene	50.000	52.714	-5.4#	106	0.03
13 T	Acrolein	250.000	224.389	10.2	101	0.03
14 T	Allyl chloride	50.000	51.028	-2.1	100	0.03
15 T	Acrylonitrile	250.000	236.936	5.2	93	0.03
16 T	Acetone	250.000	272.954	-9.2	106	0.02
17 T	Carbon Disulfide	50.000	51.875	-3.8	100	0.03
18 T	Methyl Acetate	50.000	50.984	-2.0	98	0.03
19 T	Methyl tert-butyl Ether	50.000	49.948	0.1	95	0.03
20 T	Methylene Chloride	50.000	41.837	16.3	94	0.03
21 T	trans-1,2-Dichloroethene	50.000	50.685	-1.4	99	0.04
22 T	Diisopropyl ether	50.000	50.601	-1.2	99	0.03
23 T	Vinyl Acetate	250.000	243.400	2.6	93	0.03
24 P	1,1-Dichloroethane	50.000	51.153	-2.3	100	0.03
25 T	2-Butanone	250.000	248.303	0.7	94	0.04
26 T	2,2-Dichloropropane	50.000	51.651	-3.3	101	0.04
27 T	cis-1,2-Dichloroethene	50.000	50.875	-1.8	99	0.03
28 T	Bromochloromethane	50.000	51.699	-3.4	103	0.04
29	Tetrahydrofuran	250.000	232.672	6.9	91	0.03
30 C	Chloroform	50.000	49.333	1.3#	97	0.04
31 T	Cyclohexane	50.000	48.525	3.0	96	0.04
32 T	1,1,1-Trichloroethane	50.000	50.766	-1.5	99	0.03
33 S	1,2-Dichloroethane-d4	50.000	43.575	12.8	91	0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.04
35 S	Dibromofluoromethane	50.000	44.012	12.0	93	0.03
36 T	1,1-Dichloropropene	50.000	50.149	-0.3	101	0.03
37 T	Ethyl Acetate	50.000	47.974	4.1	96	0.04
38 T	Carbon Tetrachloride	50.000	50.799	-1.6	100	0.04
39 T	Methylcyclohexane	50.000	48.272	3.5	95	0.03
40 TM	Benzene	50.000	50.037	-0.1	101	0.03
41 T	Methacrylonitrile	50.000	42.530	14.9	81	0.03
42 TM	1,2-Dichloroethane	50.000	48.662	2.7	98	0.03
43 T	Isopropyl Acetate	50.000	48.403	3.2	94	0.03
44 TM	Trichloroethene	50.000	52.162	-4.3	104	0.03
45 C	1,2-Dichloropropane	50.000	49.674	0.7#	101	0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.349	3.3	97	0.03
47 T	Bromodichloromethane	50.000	50.821	-1.6	100	0.03
48 T	Methyl methacrylate	50.000	48.229	3.5	93	0.03
49 T	1,4-Dioxane	1000.000	931.710	6.8	89	0.03
50 S	Toluene-d8	50.000	44.931	10.1	95	0.03
51 T	4-Methyl-2-Pentanone	250.000	235.599	5.8	91	0.03
52 CM	Toluene	50.000	49.806	0.4#	99	0.03
53 T	t-1,3-Dichloropropene	50.000	49.895	0.2	96	0.03
54 T	cis-1,3-Dichloropropene	50.000	50.057	-0.1	97	0.03
55 T	1,1,2-Trichloroethane	50.000	48.219	3.6	97	0.03
56 T	Ethyl methacrylate	50.000	49.622	0.8	91	0.03
57 T	1,3-Dichloropropane	50.000	49.215	1.6	99	0.03
58 T	2-Chloroethyl Vinyl ether	250.000	230.662	7.7	94	0.03
59 T	2-Hexanone	250.000	248.435	0.6	95	0.02
60 T	Dibromochloromethane	50.000	49.068	1.9	93	0.03
61 T	1,2-Dibromoethane	50.000	48.801	2.4	95	0.03
62 S	4-Bromofluorobenzene	50.000	44.715	10.6	97	0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.03
64 T	Tetrachloroethene	50.000	53.780	-7.6	103	0.03
65 PM	Chlorobenzene	50.000	51.678	-3.4	99	0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	52.887	-5.8	100	0.02
67 C	Ethyl Benzene	50.000	52.123	-4.2#	100	0.02
68 T	m/p-Xylenes	100.000	105.051	-5.1	101	0.02
69 T	o-Xylene	50.000	53.186	-6.4	100	0.02
70 T	Styrene	50.000	53.199	-6.4	100	0.02
71 P	Bromoform	50.000	51.996	-4.0	96	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.01
73 T	Isopropylbenzene	50.000	52.993	-6.0	101	0.02
74 T	N-amyl acetate	50.000	51.800	-3.6	99	0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	49.667	0.7	93	0.02
76 T	1,2,3-Trichloropropane	50.000	49.934	0.1	95	0.02
77 T	Bromobenzene	50.000	52.921	-5.8	100	0.02
78 T	n-propylbenzene	50.000	51.665	-3.3	99	0.02
79 T	2-Chlorotoluene	50.000	52.199	-4.4	99	0.02
80 T	1,3,5-Trimethylbenzene	50.000	53.755	-7.5	103	0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	53.301	-6.6	96	0.02
82 T	4-Chlorotoluene	50.000	51.631	-3.3	101	0.02
83 T	tert-Butylbenzene	50.000	52.871	-5.7	101	0.01
84 T	1,2,4-Trimethylbenzene	50.000	51.885	-3.8	99	0.02
85 T	sec-Butylbenzene	50.000	53.166	-6.3	100	0.02
86 T	p-Isopropyltoluene	50.000	52.813	-5.6	102	0.01
87 T	1,3-Dichlorobenzene	50.000	49.146	1.7	94	0.01
88 T	1,4-Dichlorobenzene	50.000	50.570	-1.1	96	0.01
89 T	n-Butylbenzene	50.000	52.593	-5.2	102	0.01

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90 T	Hexachloroethane	50.000	54.622	-9.2	102	0.02
91 T	1,2-Dichlorobenzene	50.000	51.966	-3.9	100	0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.368	-2.7	95	0.02
93 T	1,2,4-Trichlorobenzene	50.000	51.504	-3.0	95	0.01
94 T	Hexachlorobutadiene	50.000	51.368	-2.7	98	0.01
95 T	Naphthalene	50.000	49.224	1.6	89	0.01
96 T	1,2,3-Trichlorobenzene	50.000	52.372	-4.7	96	0.01

(#) = Out of Range

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