

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD110118\
 Data File : VD060259.D
 Acq On : 1 Nov 2018 13:21
 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: Nov 01 16:51:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 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	96	0.03
2 T	Dichlorodifluoromethane	50.000	41.101	17.8	75	0.03
3 P	Chloromethane	50.000	44.008	12.0	87	0.02
4 C	Vinyl Chloride	50.000	45.656	8.7#	88	0.03
5 T	Bromomethane	50.000	54.098	-8.2	87	0.03
6 T	Chloroethane	50.000	47.862	4.3	82	0.02
7 T	Trichlorofluoromethane	50.000	46.520	7.0	87	0.03
8 T	Diethyl Ether	50.000	53.391	-6.8	98	0.03
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.000	-4.0	102	0.04
10 T	Methyl Iodide	50.000	48.113	3.8	83	0.03
11 T	Tert butyl alcohol	250.000	218.940	12.4	78	0.03
12 CM	1,1-Dichloroethene	50.000	51.266	-2.5#	100	0.04
13 T	Acrolein	250.000	181.865	27.3#	74	0.03
14 T	Allyl chloride	50.000	50.638	-1.3	97	0.04
15 T	Acrylonitrile	250.000	233.487	6.6	88	0.04
16 T	Acetone	250.000	268.533	-7.4	104	0.03
17 T	Carbon Disulfide	50.000	43.239	13.5	82	0.04
18 T	Methyl Acetate	50.000	59.198	-18.4	111	0.03
19 T	Methyl tert-butyl Ether	50.000	47.494	5.0	88	0.04
20 T	Methylene Chloride	50.000	44.864	10.3	84	0.04
21 T	trans-1,2-Dichloroethene	50.000	44.658	10.7	83	0.04
22 T	Diisopropyl ether	50.000	48.885	2.2	93	0.03
23 T	Vinyl Acetate	250.000	230.692	7.7	86	0.04
24 P	1,1-Dichloroethane	50.000	48.681	2.6	91	0.04
25 T	2-Butanone	250.000	252.292	-0.9	93	0.03
26 T	2,2-Dichloropropane	50.000	51.322	-2.6	98	0.04
27 T	cis-1,2-Dichloroethene	50.000	47.521	5.0	90	0.03
28 T	Bromochloromethane	50.000	49.951	0.1	97	0.04
29	Tetrahydrofuran	250.000	232.477	7.0	87	0.04
30 C	Chloroform	50.000	49.224	1.6#	93	0.04
31 T	Cyclohexane	50.000	43.142	13.7	85	0.04
32 T	1,1,1-Trichloroethane	50.000	49.091	1.8	93	0.03
33 S	1,2-Dichloroethane-d4	50.000	47.670	4.7	90	0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.03
35 S	Dibromofluoromethane	50.000	48.768	2.5	91	0.04
36 T	1,1-Dichloropropene	50.000	45.696	8.6	90	0.04
37 T	Ethyl Acetate	50.000	44.326	11.3	84	0.03
38 T	Carbon Tetrachloride	50.000	47.578	4.8	91	0.03
39 T	Methylcyclohexane	50.000	45.749	8.5	87	0.03
40 TM	Benzene	50.000	46.542	6.9	90	0.03
41 T	Methacrylonitrile	50.000	35.669	28.7#	62	0.02
42 TM	1,2-Dichloroethane	50.000	47.217	5.6	90	0.03
43 T	Isopropyl Acetate	50.000	45.020	10.0	84	0.03
44 TM	Trichloroethene	50.000	46.423	7.2	88	0.04
45 C	1,2-Dichloropropane	50.000	47.741	4.5#	89	0.03

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	46.313	7.4	88	0.03
47 T	Bromodichloromethane	50.000	49.782	0.4	94	0.03
48 T	Methyl methacrylate	50.000	46.591	6.8	88	0.03
49 T	1,4-Dioxane	1000.000	925.620	7.4	85	0.03
50 S	Toluene-d8	50.000	46.710	6.6	87	0.03
51 T	4-Methyl-2-Pentanone	250.000	238.551	4.6	90	0.02
52 CM	Toluene	50.000	47.069	5.9#	89	0.03
53 T	t-1,3-Dichloropropene	50.000	49.731	0.5	91	0.03
54 T	cis-1,3-Dichloropropene	50.000	48.484	3.0	91	0.03
55 T	1,1,2-Trichloroethane	50.000	47.101	5.8	89	0.03
56 T	Ethyl methacrylate	50.000	46.761	6.5	85	0.02
57 T	1,3-Dichloropropane	50.000	46.812	6.4	87	0.02
58 T	2-Chloroethyl Vinyl ether	250.000	240.690	3.7	96	0.03
59 T	2-Hexanone	250.000	243.911	2.4	91	0.03
60 T	Dibromochloromethane	50.000	49.009	2.0	90	0.02
61 T	1,2-Dibromoethane	50.000	46.270	7.5	87	0.02
62 S	4-Bromofluorobenzene	50.000	48.086	3.8	91	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.02
64 T	Tetrachloroethene	50.000	45.299	9.4	88	0.03
65 PM	Chlorobenzene	50.000	46.128	7.7	88	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	48.530	2.9	92	0.02
67 C	Ethyl Benzene	50.000	47.290	5.4#	92	0.02
68 T	m/p-Xylenes	100.000	94.176	5.8	92	0.02
69 T	o-Xylene	50.000	46.680	6.6	89	0.01
70 T	Styrene	50.000	47.628	4.7	92	0.02
71 P	Bromoform	50.000	48.552	2.9	87	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.02
73 T	Isopropylbenzene	50.000	46.617	6.8	93	0.01
74 T	N-amyl acetate	50.000	44.520	11.0	87	0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	46.121	7.8	91	0.01
76 T	1,2,3-Trichloropropane	50.000	46.338	7.3	92	0.02
77 T	Bromobenzene	50.000	45.479	9.0	91	0.02
78 T	n-propylbenzene	50.000	47.012	6.0	96	0.02
79 T	2-Chlorotoluene	50.000	46.845	6.3	95	0.02
80 T	1,3,5-Trimethylbenzene	50.000	46.909	6.2	94	0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	45.474	9.1	86	0.02
82 T	4-Chlorotoluene	50.000	46.714	6.6	98	0.01
83 T	tert-Butylbenzene	50.000	46.770	6.5	93	0.01
84 T	1,2,4-Trimethylbenzene	50.000	45.703	8.6	93	0.01
85 T	sec-Butylbenzene	50.000	47.754	4.5	99	0.01
86 T	p-Isopropyltoluene	50.000	46.077	7.8	93	0.01
87 T	1,3-Dichlorobenzene	50.000	45.514	9.0	91	0.01
88 T	1,4-Dichlorobenzene	50.000	45.981	8.0	92	0.01
89 T	n-Butylbenzene	50.000	48.722	2.6	104	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.678	0.6	93	0.02
91 T	1,2-Dichlorobenzene	50.000	47.334	5.3	100	0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.326	9.3	87	0.01
93 T	1,2,4-Trichlorobenzene	50.000	45.867	8.3	89	0.01
94 T	Hexachlorobutadiene	50.000	46.723	6.6	91	0.02
95 T	Naphthalene	50.000	45.085	9.8	87	0.02
96 T	1,2,3-Trichlorobenzene	50.000	44.684	10.6	90	0.01

(#) = Out of Range

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