

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD040319\
 Data File : VD061555.D
 Acq On : 3 Apr 2019 14:37
 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: Apr 04 02:22:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 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	89	0.04
2 T	Dichlorodifluoromethane	50.000	47.167	5.7	90	0.01
3 P	Chloromethane	50.000	46.858	6.3	98	0.01
4 C	Vinyl Chloride	50.000	49.124	1.8#	94	0.01
5 T	Bromomethane	50.000	51.504	-3.0	89	0.01
6 T	Chloroethane	50.000	57.544	-15.1	90	0.01
7 T	Trichlorofluoromethane	50.000	53.729	-7.5	102	0.02
8 T	Diethyl Ether	50.000	51.008	-2.0	96	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.791	-1.6	98	0.02
10 T	Methyl Iodide	50.000	44.442	11.1	81	0.02
11 T	Tert butyl alcohol	250.000	262.403	-5.0	97	0.03
12 CM	1,1-Dichloroethene	50.000	49.930	0.1#	96	0.03
13 T	Acrolein	250.000	284.926	-14.0	100	0.02
14 T	Allyl chloride	50.000	48.973	2.1	94	0.03
15 T	Acrylonitrile	250.000	248.448	0.6	91	0.03
16 T	Acetone	250.000	302.392	-21.0#	102	0.03
17 T	Carbon Disulfide	50.000	41.968	16.1	79	0.02
18 T	Methyl Acetate	50.000	50.602	-1.2	101	0.02
19 T	Methyl tert-butyl Ether	50.000	48.266	3.5	91	0.03
20 T	Methylene Chloride	50.000	47.233	5.5	93	0.03
21 T	trans-1,2-Dichloroethene	50.000	48.057	3.9	90	0.03
22 T	Diisopropyl ether	50.000	49.427	1.1	91	0.03
23 T	Vinyl Acetate	250.000	249.572	0.2	90	0.04
24 P	1,1-Dichloroethane	50.000	48.471	3.1	91	0.03
25 T	2-Butanone	250.000	266.295	-6.5	96	0.04
26 T	2,2-Dichloropropane	50.000	51.871	-3.7	92	0.04
27 T	cis-1,2-Dichloroethene	50.000	48.462	3.1	87	0.03
28 T	Bromochloromethane	50.000	51.083	-2.2	94	0.04
29	Tetrahydrofuran	250.000	263.921	-5.6	101	0.05
30 C	Chloroform	50.000	51.590	-3.2#	93	0.04
31 T	Cyclohexane	50.000	48.157	3.7	86	0.04
32 T	1,1,1-Trichloroethane	50.000	52.622	-5.2	94	0.04
33 S	1,2-Dichloroethane-d4	50.000	50.281	-0.6	101	0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.03
35 S	Dibromofluoromethane	50.000	52.575	-5.2	92	0.03
36 T	1,1-Dichloropropene	50.000	53.413	-6.8	103	0.04
37 T	Ethyl Acetate	50.000	54.046	-8.1	94	0.03
38 T	Carbon Tetrachloride	50.000	54.667	-9.3	101	0.03
39 T	Methylcyclohexane	50.000	52.411	-4.8	97	0.03
40 TM	Benzene	50.000	49.923	0.2	91	0.03
41 T	Methacrylonitrile	50.000	55.221	-10.4	101	0.03
42 TM	1,2-Dichloroethane	50.000	57.141	-14.3	100	0.03
43 T	Isopropyl Acetate	50.000	52.232	-4.5	88	0.03
44 TM	Trichloroethene	50.000	51.059	-2.1	94	0.03
45 C	1,2-Dichloropropane	50.000	47.964	4.1#	83	0.02

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	53.133	-6.3	94	0.03
47 T	Bromodichloromethane	50.000	55.916	-11.8	98	0.03
48 T	Methyl methacrylate	50.000	52.008	-4.0	95	0.03
49 T	1,4-Dioxane	1000.000	1118.105	-11.8	99	0.02
50 S	Toluene-d8	50.000	53.735	-7.5	94	0.03
51 T	4-Methyl-2-Pentanone	250.000	255.385	-2.2	91	0.03
52 CM	Toluene	50.000	54.983	-10.0#	103	0.03
53 T	t-1,3-Dichloropropene	50.000	55.714	-11.4	92	0.03
54 T	cis-1,3-Dichloropropene	50.000	53.690	-7.4	97	0.03
55 T	1,1,2-Trichloroethane	50.000	51.379	-2.8	95	0.03
56 T	Ethyl methacrylate	50.000	54.341	-8.7	93	0.03
57 T	1,3-Dichloropropane	50.000	54.158	-8.3	95	0.02
58 T	2-Chloroethyl Vinyl ether	250.000	257.282	-2.9	95	0.03
59 T	2-Hexanone	250.000	277.734	-11.1	97	0.03
60 T	Dibromochloromethane	50.000	51.411	-2.8	92	0.02
61 T	1,2-Dibromoethane	50.000	50.685	-1.4	90	0.02
62 S	4-Bromofluorobenzene	50.000	57.174	-14.3	105	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.02
64 T	Tetrachloroethene	50.000	51.755	-3.5	94	0.03
65 PM	Chlorobenzene	50.000	52.609	-5.2	99	0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	54.458	-8.9	91	0.01
67 C	Ethyl Benzene	50.000	53.576	-7.2#	90	0.01
68 T	m/p-Xylenes	100.000	105.366	-5.4	92	0.01
69 T	o-Xylene	50.000	51.371	-2.7	85	0.02
70 T	Styrene	50.000	49.832	0.3	87	0.01
71 P	Bromoform	50.000	55.248	-10.5	93	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.01
73 T	Isopropylbenzene	50.000	53.352	-6.7	101	0.02
74 T	N-amyl acetate	50.000	50.732	-1.5	97	0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	47.699	4.6	92	0.02
76 T	1,2,3-Trichloropropane	50.000	47.178	5.6	93	0.01
77 T	Bromobenzene	50.000	49.030	1.9	93	0.02
78 T	n-propylbenzene	50.000	47.193	5.6	84	0.01
79 T	2-Chlorotoluene	50.000	53.057	-6.1	100	0.01
80 T	1,3,5-Trimethylbenzene	50.000	50.534	-1.1	95	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	52.015	-4.0	91	0.02
82 T	4-Chlorotoluene	50.000	52.247	-4.5	100	0.01
83 T	tert-Butylbenzene	50.000	46.922	6.2	88	0.01
84 T	1,2,4-Trimethylbenzene	50.000	48.941	2.1	89	0.01
85 T	sec-Butylbenzene	50.000	51.556	-3.1	96	0.02
86 T	p-Isopropyltoluene	50.000	52.705	-5.4	95	0.01
87 T	1,3-Dichlorobenzene	50.000	48.197	3.6	88	0.02
88 T	1,4-Dichlorobenzene	50.000	51.668	-3.3	94	0.01
89 T	n-Butylbenzene	50.000	47.214	5.6	89	0.01

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90 T	Hexachloroethane	50.000	51.151	-2.3	90	0.01
91 T	1,2-Dichlorobenzene	50.000	47.293	5.4	91	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.135	-10.3	100	0.01
93 T	1,2,4-Trichlorobenzene	50.000	60.544	-21.1#	100	0.01
94 T	Hexachlorobutadiene	50.000	56.837	-13.7	91	0.01
95 T	Naphthalene	50.000	59.967	-19.9	93	0.01
96 T	1,2,3-Trichlorobenzene	50.000	65.898	-31.8#	102	0.01

(#) = Out of Range

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