

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD072518\
 Data File : VD059601.D
 Acq On : 25 Jul 2018 21:25
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 26 05:38:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 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	92	0.02
2 T	Dichlorodifluoromethane	50.000	50.116	-0.2	92	0.02
3 P	Chloromethane	50.000	41.831	16.3	89	0.02
4 C	Vinyl Chloride	50.000	48.455	3.1#	91	0.01
5 T	Bromomethane	50.000	65.294	-30.6#	98	0.01
6 T	Chloroethane	50.000	96.438	-92.9#	102	0.02
7 T	Trichlorofluoromethane	50.000	58.872	-17.7	105	0.02
8 T	Diethyl Ether	50.000	49.853	0.3	98	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.074	-8.1	100	0.02
10 T	Methyl Iodide	50.000	48.120	3.8	92	0.03
11 T	Tert butyl alcohol	250.000	272.177	-8.9	101	0.02
12 CM	1,1-Dichloroethene	50.000	53.742	-7.5#	93	0.02
13 T	Acrolein	250.000	276.478	-10.6	108	0.02
14 T	Allyl chloride	50.000	50.331	-0.7	92	0.03
15 T	Acrylonitrile	250.000	289.266	-15.7	108	0.02
16 T	Acetone	250.000	238.238	4.7	88	0.01
17 T	Carbon Disulfide	50.000	49.780	0.4	90	0.02
18 T	Methyl Acetate	50.000	52.520	-5.0	102	0.02
19 T	Methyl tert-butyl Ether	50.000	71.766	-43.5#	141	0.02
20 T	Methylene Chloride	50.000	51.397	-2.8	104	0.02
21 T	trans-1,2-Dichloroethene	50.000	67.912	-35.8#	124	0.03
22 T	Diisopropyl ether	50.000	48.109	3.8	94	0.02
23 T	Vinyl Acetate	250.000	242.782	2.9	95	0.03
24 P	1,1-Dichloroethane	50.000	49.912	0.2	91	0.03
25 T	2-Butanone	250.000	234.961	6.0	96	0.02
26 T	2,2-Dichloropropane	50.000	48.492	3.0	92	0.02
27 T	cis-1,2-Dichloroethene	50.000	51.500	-3.0	97	0.02
28 T	Bromochloromethane	50.000	56.147	-12.3	101	0.03
29	Tetrahydrofuran	250.000	249.290	0.3	99	0.03
30 C	Chloroform	50.000	51.153	-2.3#	100	0.03
31 T	Cyclohexane	50.000	51.036	-2.1	96	0.01
32 T	1,1,1-Trichloroethane	50.000	52.669	-5.3	97	0.02
33 S	1,2-Dichloroethane-d4	50.000	54.070	-8.1	101	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.02
35 S	Dibromofluoromethane	50.000	54.303	-8.6	94	0.02
36 T	1,1-Dichloropropene	50.000	54.434	-8.9	106	0.02
37 T	Ethyl Acetate	50.000	52.174	-4.3	96	0.02
38 T	Carbon Tetrachloride	50.000	54.156	-8.3	98	0.03
39 T	Methylcyclohexane	50.000	52.128	-4.3	95	0.02
40 TM	Benzene	50.000	52.290	-4.6	96	0.02
41 T	Methacrylonitrile	50.000	56.186	-12.4	109	0.03
42 TM	1,2-Dichloroethane	50.000	54.655	-9.3	98	0.02
43 T	Isopropyl Acetate	50.000	52.406	-4.8	95	0.02
44 TM	Trichloroethene	50.000	52.865	-5.7	94	0.02
45 C	1,2-Dichloropropane	50.000	52.136	-4.3#	97	0.01

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	54.814	-9.6	101	0.02
47 T	Bromodichloromethane	50.000	56.251	-12.5	101	0.01
48 T	Methyl methacrylate	50.000	54.730	-9.5	97	0.01
49 T	1,4-Dioxane	1000.000	1051.284	-5.1	98	0.02
50 S	Toluene-d8	50.000	50.271	-0.5	91	0.02
51 T	4-Methyl-2-Pentanone	250.000	259.891	-4.0	99	0.02
52 CM	Toluene	50.000	49.213	1.6#	91	0.02
53 T	t-1,3-Dichloropropene	50.000	51.376	-2.8	97	0.02
54 T	cis-1,3-Dichloropropene	50.000	53.502	-7.0	100	0.01
55 T	1,1,2-Trichloroethane	50.000	51.416	-2.8	95	0.02
56 T	Ethyl methacrylate	50.000	55.564	-11.1	100	0.02
57 T	1,3-Dichloropropane	50.000	52.257	-4.5	97	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	255.264	-2.1	88	0.02
59 T	2-Hexanone	250.000	235.542	5.8	93	0.02
60 T	Dibromochloromethane	50.000	54.215	-8.4	99	0.01
61 T	1,2-Dibromoethane	50.000	53.567	-7.1	99	0.01
62 S	4-Bromofluorobenzene	50.000	53.442	-6.9	100	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.02
64 T	Tetrachloroethene	50.000	47.444	5.1	93	0.02
65 PM	Chlorobenzene	50.000	48.603	2.8	95	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	53.008	-6.0	106	0.01
67 C	Ethyl Benzene	50.000	51.377	-2.8#	102	0.01
68 T	m/p-Xylenes	100.000	94.682	5.3	97	0.01
69 T	o-Xylene	50.000	45.496	9.0	92	0.01
70 T	Styrene	50.000	46.462	7.1	95	0.01
71 P	Bromoform	50.000	51.416	-2.8	98	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.01
73 T	Isopropylbenzene	50.000	46.270	7.5	101	0.01
74 T	N-amyl acetate	50.000	47.990	4.0	101	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	49.708	0.6	100	0.01
76 T	1,2,3-Trichloropropane	50.000	49.026	1.9	97	0.01
77 T	Bromobenzene	50.000	47.544	4.9	95	0.01
78 T	n-propylbenzene	50.000	46.433	7.1	96	0.01
79 T	2-Chlorotoluene	50.000	48.448	3.1	99	0.01
80 T	1,3,5-Trimethylbenzene	50.000	46.846	6.3	97	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	47.226	5.5	95	0.01
82 T	4-Chlorotoluene	50.000	49.140	1.7	101	0.00
83 T	tert-Butylbenzene	50.000	47.371	5.3	97	0.01
84 T	1,2,4-Trimethylbenzene	50.000	48.257	3.5	98	0.01
85 T	sec-Butylbenzene	50.000	43.311	13.4	90	0.00
86 T	p-Isopropyltoluene	50.000	47.163	5.7	98	0.00
87 T	1,3-Dichlorobenzene	50.000	46.338	7.3	94	0.01
88 T	1,4-Dichlorobenzene	50.000	46.399	7.2	92	0.01
89 T	n-Butylbenzene	50.000	45.754	8.5	94	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.346	-2.7	102	0.01
91 T	1,2-Dichlorobenzene	50.000	45.435	9.1	95	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.072	-4.1	102	0.01
93 T	1,2,4-Trichlorobenzene	50.000	46.323	7.4	94	0.01
94 T	Hexachlorobutadiene	50.000	48.956	2.1	98	0.01
95 T	Naphthalene	50.000	49.043	1.9	103	0.01
96 T	1,2,3-Trichlorobenzene	50.000	47.168	5.7	98	0.01

(#) = Out of Range

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