

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD032119\
 Data File : VD061237.D
 Acq On : 21 Mar 2019 11:20
 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: Mar 22 04:28:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 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	90	0.02
2 T	Dichlorodifluoromethane	50.000	47.629	4.7	86	-0.01
3 P	Chloromethane	50.000	44.523	11.0	84	0.00
4 C	Vinyl Chloride	50.000	47.453	5.1#	84	0.00
5 T	Bromomethane	50.000	42.499	15.0	75	0.00
6 T	Chloroethane	50.000	54.774	-9.5	83	0.00
7 T	Trichlorofluoromethane	50.000	49.727	0.5	83	0.00
8 T	Diethyl Ether	50.000	48.961	2.1	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.458	-4.9	101	0.00
10 T	Methyl Iodide	50.000	52.023	-4.0	89	0.00
11 T	Tert butyl alcohol	250.000	275.077	-10.0	89	0.02
12 CM	1,1-Dichloroethene	50.000	49.558	0.9#	92	0.00
13 T	Acrolein	250.000	234.199	6.3	91	0.00
14 T	Allyl chloride	50.000	48.622	2.8	85	0.00
15 T	Acrylonitrile	250.000	260.110	-4.0	95	0.00
16 T	Acetone	250.000	290.083	-16.0	101	0.00
17 T	Carbon Disulfide	50.000	44.942	10.1	80	0.00
18 T	Methyl Acetate	50.000	57.375	-14.8	105	0.00
19 T	Methyl tert-butyl Ether	50.000	54.028	-8.1	95	0.00
20 T	Methylene Chloride	50.000	55.194	-10.4	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.674	-1.3	90	0.00
22 T	Diisopropyl ether	50.000	48.292	3.4	82	0.02
23 T	Vinyl Acetate	250.000	249.653	0.1	87	0.02
24 P	1,1-Dichloroethane	50.000	51.942	-3.9	90	0.00
25 T	2-Butanone	250.000	271.688	-8.7	90	0.02
26 T	2,2-Dichloropropane	50.000	56.636	-13.3	100	0.02
27 T	cis-1,2-Dichloroethene	50.000	53.950	-7.9	93	0.02
28 T	Bromochloromethane	50.000	48.427	3.1	84	0.00
29	Tetrahydrofuran	250.000	239.985	4.0	81	0.00
30 C	Chloroform	50.000	52.940	-5.9#	99	0.00
31 T	Cyclohexane	50.000	50.140	-0.3	83	0.02
32 T	1,1,1-Trichloroethane	50.000	52.277	-4.6	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.566	2.9	87	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.02
35 S	Dibromofluoromethane	50.000	53.496	-7.0	91	0.00
36 T	1,1-Dichloropropene	50.000	52.896	-5.8	95	0.02
37 T	Ethyl Acetate	50.000	46.821	6.4	83	0.02
38 T	Carbon Tetrachloride	50.000	59.052	-18.1	106	0.02
39 T	Methylcyclohexane	50.000	47.042	5.9	78	0.03
40 TM	Benzene	50.000	51.328	-2.7	85	0.02
41 T	Methacrylonitrile	50.000	51.477	-3.0	87	0.00
42 TM	1,2-Dichloroethane	50.000	53.493	-7.0	88	0.00
43 T	Isopropyl Acetate	50.000	53.767	-7.5	88	0.02
44 TM	Trichloroethene	50.000	51.966	-3.9	86	0.02
45 C	1,2-Dichloropropane	50.000	50.765	-1.5#	86	0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	54.901	-9.8	93	0.00
47 T	Bromodichloromethane	50.000	54.864	-9.7	88	0.02
48 T	Methyl methacrylate	50.000	51.262	-2.5	85	0.02
49 T	1,4-Dioxane	1000.000	1131.233	-13.1	96	0.02
50 S	Toluene-d8	50.000	51.269	-2.5	89	0.02
51 T	4-Methyl-2-Pentanone	250.000	249.735	0.1	85	0.02
52 CM	Toluene	50.000	49.600	0.8#	84	0.02
53 T	t-1,3-Dichloropropene	50.000	56.619	-13.2	96	0.02
54 T	cis-1,3-Dichloropropene	50.000	55.517	-11.0	99	0.02
55 T	1,1,2-Trichloroethane	50.000	54.803	-9.6	95	0.00
56 T	Ethyl methacrylate	50.000	56.180	-12.4	95	0.00
57 T	1,3-Dichloropropane	50.000	53.616	-7.2	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	227.671	8.9	82	0.02
59 T	2-Hexanone	250.000	245.610	1.8	82	0.02
60 T	Dibromochloromethane	50.000	57.383	-14.8	94	0.00
61 T	1,2-Dibromoethane	50.000	51.637	-3.3	85	0.02
62 S	4-Bromofluorobenzene	50.000	50.086	-0.2	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64 T	Tetrachloroethene	50.000	57.394	-14.8	89	0.02
65 PM	Chlorobenzene	50.000	56.279	-12.6	89	0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	59.504	-19.0	91	0.00
67 C	Ethyl Benzene	50.000	56.687	-13.4#	90	0.00
68 T	m/p-Xylenes	100.000	108.023	-8.0	85	0.00
69 T	o-Xylene	50.000	53.185	-6.4	87	0.00
70 T	Styrene	50.000	51.773	-3.5	84	0.00
71 P	Bromoform	50.000	58.919	-17.8	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73 T	Isopropylbenzene	50.000	56.091	-12.2	95	0.00
74 T	N-amyl acetate	50.000	52.843	-5.7	85	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.778	-13.6	93	0.00
76 T	1,2,3-Trichloropropane	50.000	57.602	-15.2	92	0.00
77 T	Bromobenzene	50.000	54.491	-9.0	87	0.00
78 T	n-propylbenzene	50.000	51.703	-3.4	82	0.00
79 T	2-Chlorotoluene	50.000	53.992	-8.0	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.595	-13.2	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	61.404	-22.8#	94	0.00
82 T	4-Chlorotoluene	50.000	48.793	2.4	77	0.00
83 T	tert-Butylbenzene	50.000	59.148	-18.3	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.595	-13.2	87	0.00
85 T	sec-Butylbenzene	50.000	55.475	-11.0	97	0.00
86 T	p-Isopropyltoluene	50.000	50.205	-0.4	78	0.00
87 T	1,3-Dichlorobenzene	50.000	56.348	-12.7	91	0.00
88 T	1,4-Dichlorobenzene	50.000	50.968	-1.9	85	0.00
89 T	n-Butylbenzene	50.000	53.827	-7.7	87	0.00

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90 T	Hexachloroethane	50.000	61.900	-23.8#	96	0.00
91 T	1,2-Dichlorobenzene	50.000	59.338	-18.7	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.686	-17.4	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.458	-4.9	80	0.00
94 T	Hexachlorobutadiene	50.000	53.264	-6.5	90	0.00
95 T	Naphthalene	50.000	47.392	5.2	81	0.00
96 T	1,2,3-Trichlorobenzene	50.000	43.151	13.7	78	0.00

(#) = Out of Range

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