

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD123019\
 Data File : VD064671.D
 Acq On : 30 Dec 2019 11:35
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 31 07:21:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 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	104	0.00
2 T	Dichlorodifluoromethane	50.000	45.345	9.3	93	0.00
3 P	Chloromethane	50.000	45.875	8.3	95	0.00
4 C	Vinyl Chloride	50.000	46.180	7.6#	97	0.00
5 T	Bromomethane	50.000	44.302	11.4	96	0.00
6 T	Chloroethane	50.000	45.955	8.1	93	0.00
7 T	Trichlorofluoromethane	50.000	45.209	9.6	93	0.00
8 T	Diethyl Ether	50.000	43.442	13.1	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.056	7.9	94	0.00
10 T	Methyl Iodide	50.000	48.909	2.2	91	0.00
11 T	Tert butyl alcohol	250.000	260.840	-4.3	100	-0.01
12 CM	1,1-Dichloroethene	50.000	46.109	7.8#	95	0.00
13 T	Acrolein	250.000	245.468	1.8	98	0.00
14 T	Allyl chloride	50.000	47.979	4.0	98	0.00
15 T	Acrylonitrile	250.000	227.045	9.2	91	0.00
16 T	Acetone	250.000	294.794	-17.9	121	0.00
17 T	Carbon Disulfide	50.000	45.278	9.4	94	0.00
18 T	Methyl Acetate	50.000	41.639	16.7	87	-0.01
19 T	Methyl tert-butyl Ether	50.000	45.452	9.1	91	0.00
20 T	Methylene Chloride	50.000	48.860	2.3	95	-0.01
21 T	trans-1,2-Dichloroethene	50.000	46.959	6.1	98	-0.01
22 T	Diisopropyl ether	50.000	46.698	6.6	94	-0.01
23 T	Vinyl Acetate	250.000	239.345	4.3	93	-0.01
24 P	1,1-Dichloroethane	50.000	47.299	5.4	97	0.00
25 T	2-Butanone	250.000	240.810	3.7	96	0.00
26 T	2,2-Dichloropropane	50.000	48.295	3.4	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.624	6.8	95	0.00
28 T	Bromochloromethane	50.000	48.487	3.0	92	0.00
29 T	Tetrahydrofuran	250.000	223.160	10.7	89	0.00
30 C	Chloroform	50.000	47.323	5.4#	98	0.00
31 T	Cyclohexane	50.000	44.508	11.0	96	0.00
32 T	1,1,1-Trichloroethane	50.000	47.311	5.4	98	-0.01
33 S	1,2-Dichloroethane-d4	50.000	50.485	-1.0	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	51.162	-2.3	99	0.00
36 T	1,1-Dichloropropene	50.000	48.182	3.6	97	0.00
37 T	Ethyl Acetate	50.000	45.725	8.5	88	0.00
38 T	Carbon Tetrachloride	50.000	49.566	0.9	98	0.00
39 T	Methylcyclohexane	50.000	48.254	3.5	95	0.00
40 TM	Benzene	50.000	47.457	5.1	96	0.00
41 T	Methacrylonitrile	50.000	43.924	12.2	80	-0.01
42 TM	1,2-Dichloroethane	50.000	47.673	4.7	96	0.00
43 T	Isopropyl Acetate	50.000	45.495	9.0	89	0.00
44 TM	Trichloroethene	50.000	47.570	4.9	96	0.00
45 C	1,2-Dichloropropane	50.000	47.943	4.1#	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	44.831	10.3	88	0.00
47 T	Bromodichloromethane	50.000	47.228	5.5	94	0.00
48 T	Methyl methacrylate	50.000	45.215	9.6	85	0.00
49 T	1,4-Dioxane	1000.000	860.523	13.9	87	0.00
50 S	Toluene-d8	50.000	51.490	-3.0	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	225.025	10.0	89	0.00
52 CM	Toluene	50.000	47.819	4.4#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	47.190	5.6	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.135	3.7	94	0.00
55 T	1,1,2-Trichloroethane	50.000	46.455	7.1	93	0.00
56 T	Ethyl methacrylate	50.000	45.150	9.7	88	0.00
57 T	1,3-Dichloropropane	50.000	45.918	8.2	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	232.770	6.9	98	0.00
59 T	2-Hexanone	250.000	245.878	1.6	94	0.00
60 T	Dibromochloromethane	50.000	45.107	9.8	89	0.00
61 T	1,2-Dibromoethane	50.000	45.269	9.5	90	0.00
62 S	4-Bromofluorobenzene	50.000	51.236	-2.5	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	46.707	6.6	94	0.00
65 PM	Chlorobenzene	50.000	46.789	6.4	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.018	6.0	93	0.00
67 C	Ethyl Benzene	50.000	47.463	5.1#	94	0.00
68 T	m/p-Xylenes	100.000	94.227	5.8	92	0.00
69 T	o-Xylene	50.000	47.538	4.9	93	0.00
70 T	Styrene	50.000	47.590	4.8	93	0.00
71 P	Bromoform	50.000	46.386	7.2	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	49.532	0.9	93	0.00
74 T	N-amyl acetate	50.000	49.029	1.9	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.948	6.1	89	0.00
76 T	1,2,3-Trichloropropane	50.000	42.051	15.9	93	0.00
77 T	Bromobenzene	50.000	47.537	4.9	90	0.00
78 T	n-propylbenzene	50.000	49.987	0.0	94	0.00
79 T	2-Chlorotoluene	50.000	48.615	2.8	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.287	1.4	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.619	-1.2	96	0.00
82 T	4-Chlorotoluene	50.000	48.054	3.9	92	0.00
83 T	tert-Butylbenzene	50.000	49.195	1.6	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.287	1.4	93	0.00
85 T	sec-Butylbenzene	50.000	49.635	0.7	93	0.00
86 T	p-Isopropyltoluene	50.000	49.769	0.5	93	0.00
87 T	1,3-Dichlorobenzene	50.000	48.312	3.4	92	0.00
88 T	1,4-Dichlorobenzene	50.000	47.634	4.7	90	0.00
89 T	n-Butylbenzene	50.000	50.000	0.0	93	0.00

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90 T	Hexachloroethane	50.000	48.285	3.4	91	0.00
91 T	1,2-Dichlorobenzene	50.000	47.162	5.7	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.387	5.2	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.102	5.8	88	0.00
94 T	Hexachlorobutadiene	50.000	46.883	6.2	89	0.00
95 T	Naphthalene	50.000	45.795	8.4	83	0.00
96 T	1,2,3-Trichlorobenzene	50.000	46.235	7.5	87	0.00

(#) = Out of Range

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