

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD052319\
 Data File : VD062524.D
 Acq On : 23 May 2019 18:22
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 24 01:55:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 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	54	-0.01
2 T	Dichlorodifluoromethane	50.000	47.252	5.5	51	-0.01
3 P	Chloromethane	50.000	45.704	8.6	54	0.00
4 C	Vinyl Chloride	50.000	49.937	0.1#	56	-0.01
5 T	Bromomethane	50.000	55.519	-11.0	62	0.00
6 T	Chloroethane	50.000	55.815	-11.6	59	-0.02
7 T	Trichlorofluoromethane	50.000	44.468	11.1	48	0.00
8 T	Diethyl Ether	50.000	46.558	6.9	53	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.047	15.9	45	-0.01
10 T	Methyl Iodide	50.000	53.788	-7.6	54	-0.01
11 T	Tert butyl alcohol	250.000	271.917	-8.8	59	-0.02
12 CM	1,1-Dichloroethene	50.000	41.598	16.8#	45	-0.01
13 T	Acrolein	250.000	279.401	-11.8	64	-0.01
14 T	Allyl chloride	50.000	46.931	6.1	54	-0.01
15 T	Acrylonitrile	250.000	236.560	5.4	55	-0.03
16 T	Acetone	250.000	238.598	4.6	49	-0.01
17 T	Carbon Disulfide	50.000	44.087	11.8	48	-0.01
18 T	Methyl Acetate	50.000	49.022	2.0	56	-0.01
19 T	Methyl tert-butyl Ether	50.000	52.882	-5.8	59	-0.01
20 T	Methylene Chloride	50.000	45.617	8.8	49	-0.01
21 T	trans-1,2-Dichloroethene	50.000	45.868	8.3	51	-0.01
22 T	Diisopropyl ether	50.000	48.658	2.7	53	-0.02
23 T	Vinyl Acetate	250.000	245.473	1.8	52	-0.02
24 P	1,1-Dichloroethane	50.000	46.792	6.4	53	-0.02
25 T	2-Butanone	250.000	229.662	8.1	49	-0.01
26 T	2,2-Dichloropropane	50.000	48.864	2.3	52	-0.01
27 T	cis-1,2-Dichloroethene	50.000	44.960	10.1	49	-0.02
28 T	Bromochloromethane	50.000	48.270	3.5	52	-0.01
29	Tetrahydrofuran	250.000	225.887	9.6	50	-0.02
30 C	Chloroform	50.000	50.762	-1.5#	54	-0.01
31 T	Cyclohexane	50.000	43.826	12.3	46	-0.01
32 T	1,1,1-Trichloroethane	50.000	50.721	-1.4	52	-0.02
33 S	1,2-Dichloroethane-d4	50.000	55.344	-10.7	58	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	53	0.00
35 S	Dibromofluoromethane	50.000	48.780	2.4	50	-0.01
36 T	1,1-Dichloropropene	50.000	49.365	1.3	54	-0.01
37 T	Ethyl Acetate	50.000	51.543	-3.1	56	-0.01
38 T	Carbon Tetrachloride	50.000	52.531	-5.1	57	-0.01
39 T	Methylcyclohexane	50.000	48.921	2.2	54	0.00
40 TM	Benzene	50.000	47.398	5.2	50	-0.01
41 T	Methacrylonitrile	50.000	49.282	1.4	52	-0.01
42 TM	1,2-Dichloroethane	50.000	52.869	-5.7	57	0.00
43 T	Isopropyl Acetate	50.000	51.566	-3.1	56	0.00
44 TM	Trichloroethene	50.000	48.301	3.4	50	0.00
45 C	1,2-Dichloropropane	50.000	49.330	1.3#	54	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.896	-1.8	54	0.00
47 T	Bromodichloromethane	50.000	54.866	-9.7	57	0.00
48 T	Methyl methacrylate	50.000	51.595	-3.2	52	0.00
49 T	1,4-Dioxane	1000.000	999.930	0.0	50	0.00
50 S	Toluene-d8	50.000	48.532	2.9	51	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.041	-0.0	53	0.00
52 CM	Toluene	50.000	50.676	-1.4#	54	0.00
53 T	t-1,3-Dichloropropene	50.000	52.947	-5.9	56	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.407	-4.8	53	0.00
55 T	1,1,2-Trichloroethane	50.000	51.457	-2.9	58	0.00
56 T	Ethyl methacrylate	50.000	49.947	0.1	53	0.00
57 T	1,3-Dichloropropane	50.000	50.897	-1.8	55	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	255.639	-2.3	59	0.00
59 T	2-Hexanone	250.000	262.809	-5.1	54	0.00
60 T	Dibromochloromethane	50.000	55.673	-11.3	58	0.00
61 T	1,2-Dibromoethane	50.000	48.852	2.3	51	0.00
62 S	4-Bromofluorobenzene	50.000	52.184	-4.4	54	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	50	0.00
64 T	Tetrachloroethene	50.000	52.525	-5.0	52	0.00
65 PM	Chlorobenzene	50.000	51.990	-4.0	55	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.499	-17.0	60	0.00
67 C	Ethyl Benzene	50.000	54.254	-8.5#	55	0.00
68 T	m/p-Xylenes	100.000	97.582	2.4	49	0.00
69 T	o-Xylene	50.000	52.990	-6.0	55	0.00
70 T	Styrene	50.000	54.137	-8.3	57	0.00
71 P	Bromoform	50.000	60.901	-21.8#	62	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	58	0.00
73 T	Isopropylbenzene	50.000	47.710	4.6	53	0.00
74 T	N-amyl acetate	50.000	47.534	4.9	57	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.915	10.2	55	0.02
76 T	1,2,3-Trichloropropane	50.000	50.885	-1.8	61	0.00
77 T	Bromobenzene	50.000	47.756	4.5	55	0.02
78 T	n-propylbenzene	50.000	45.914	8.2	57	0.00
79 T	2-Chlorotoluene	50.000	46.020	8.0	58	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.821	6.4	54	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.715	0.6	60	0.02
82 T	4-Chlorotoluene	50.000	47.420	5.2	55	0.00
83 T	tert-Butylbenzene	50.000	44.885	10.2	53	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.362	7.3	55	0.00
85 T	sec-Butylbenzene	50.000	47.537	4.9	56	0.00
86 T	p-Isopropyltoluene	50.000	49.700	0.6	57	0.00
87 T	1,3-Dichlorobenzene	50.000	49.719	0.6	56	0.02
88 T	1,4-Dichlorobenzene	50.000	50.309	-0.6	59	0.00
89 T	n-Butylbenzene	50.000	48.119	3.8	58	0.00

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90 T	Hexachloroethane	50.000	53.420	-6.8	63	0.02
91 T	1,2-Dichlorobenzene	50.000	51.148	-2.3	64	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.466	-0.9	58	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.454	5.1	54	0.02
94 T	Hexachlorobutadiene	50.000	48.248	3.5	58	0.00
95 T	Naphthalene	50.000	51.478	-3.0	58	0.00
96 T	1,2,3-Trichlorobenzene	50.000	44.457	11.1	51	0.00

(#) = Out of Range

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