

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062094.D
 Acq On : 30 Apr 2019 19:26
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 01 01:57:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 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	77	-0.04
2 T	Dichlorodifluoromethane	50.000	49.467	1.1	75	-0.02
3 P	Chloromethane	50.000	44.603	10.8	75	-0.02
4 C	Vinyl Chloride	50.000	48.756	2.5#	79	-0.02
5 T	Bromomethane	50.000	52.257	-4.5	75	-0.02
6 T	Chloroethane	50.000	50.942	-1.9	77	-0.03
7 T	Trichlorofluoromethane	50.000	49.679	0.6	80	-0.03
8 T	Diethyl Ether	50.000	52.606	-5.2	87	-0.03
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.942	-7.9	87	-0.04
10 T	Methyl Iodide	50.000	48.836	2.3	81	-0.04
11 T	Tert butyl alcohol	250.000	274.932	-10.0	89	-0.03
12 CM	1,1-Dichloroethene	50.000	52.043	-4.1#	83	-0.04
13 T	Acrolein	250.000	263.190	-5.3	96	-0.03
14 T	Allyl chloride	50.000	50.584	-1.2	83	-0.04
15 T	Acrylonitrile	250.000	261.889	-4.8	85	-0.05
16 T	Acetone	250.000	258.327	-3.3	81	-0.03
17 T	Carbon Disulfide	50.000	47.053	5.9	75	-0.04
18 T	Methyl Acetate	50.000	55.657	-11.3	95	-0.04
19 T	Methyl tert-butyl Ether	50.000	50.483	-1.0	82	-0.04
20 T	Methylene Chloride	50.000	52.322	-4.6	83	-0.04
21 T	trans-1,2-Dichloroethene	50.000	47.077	5.8	74	-0.04
22 T	Diisopropyl ether	50.000	46.988	6.0	77	-0.04
23 T	Vinyl Acetate	250.000	248.418	0.6	79	-0.05
24 P	1,1-Dichloroethane	50.000	47.262	5.5	79	-0.05
25 T	2-Butanone	250.000	250.372	-0.1	82	-0.05
26 T	2,2-Dichloropropane	50.000	49.255	1.5	82	-0.04
27 T	cis-1,2-Dichloroethene	50.000	49.971	0.1	84	-0.05
28 T	Bromochloromethane	50.000	50.554	-1.1	83	-0.05
29	Tetrahydrofuran	250.000	237.495	5.0	74	-0.04
30 C	Chloroform	50.000	51.506	-3.0#	79	-0.05
31 T	Cyclohexane	50.000	48.055	3.9	72	-0.04
32 T	1,1,1-Trichloroethane	50.000	47.028	5.9	70	-0.04
33 S	1,2-Dichloroethane-d4	50.000	51.737	-3.5	88	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	74	-0.04
35 S	Dibromofluoromethane	50.000	55.176	-10.4	84	-0.04
36 T	1,1-Dichloropropene	50.000	50.566	-1.1	74	-0.04
37 T	Ethyl Acetate	50.000	53.087	-6.2	87	-0.04
38 T	Carbon Tetrachloride	50.000	51.607	-3.2	71	-0.04
39 T	Methylcyclohexane	50.000	49.609	0.8	74	-0.04
40 TM	Benzene	50.000	48.309	3.4	73	-0.04
41 T	Methacrylonitrile	50.000	52.624	-5.2	75	-0.04
42 TM	1,2-Dichloroethane	50.000	52.897	-5.8	83	-0.04
43 T	Isopropyl Acetate	50.000	51.509	-3.0	81	-0.04
44 TM	Trichloroethene	50.000	51.696	-3.4	77	-0.04
45 C	1,2-Dichloropropane	50.000	52.553	-5.1#	80	-0.03

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.309	-2.6	77	-0.04
47 T	Bromodichloromethane	50.000	52.750	-5.5	82	-0.04
48 T	Methyl methacrylate	50.000	54.600	-9.2	88	-0.04
49 T	1,4-Dioxane	1000.000	1148.726	-14.9	82	-0.03
50 S	Toluene-d8	50.000	48.192	3.6	76	-0.04
51 T	4-Methyl-2-Pentanone	250.000	294.231	-17.7	91	-0.03
52 CM	Toluene	50.000	49.810	0.4#	81	-0.04
53 T	t-1,3-Dichloropropene	50.000	53.701	-7.4	78	-0.04
54 T	cis-1,3-Dichloropropene	50.000	51.878	-3.8	79	-0.03
55 T	1,1,2-Trichloroethane	50.000	51.159	-2.3	79	-0.03
56 T	Ethyl methacrylate	50.000	49.105	1.8	77	-0.03
57 T	1,3-Dichloropropane	50.000	51.521	-3.0	82	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	260.351	-4.1	86	-0.04
59 T	2-Hexanone	250.000	251.742	-0.7	77	-0.02
60 T	Dibromochloromethane	50.000	54.641	-9.3	84	-0.03
61 T	1,2-Dibromoethane	50.000	54.774	-9.5	90	-0.03
62 S	4-Bromofluorobenzene	50.000	56.408	-12.8	90	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	-0.02
64 T	Tetrachloroethene	50.000	44.069	11.9	76	-0.03
65 PM	Chlorobenzene	50.000	46.983	6.0	82	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	44.929	10.1	77	-0.02
67 C	Ethyl Benzene	50.000	43.199	13.6#	77	-0.02
68 T	m/p-Xylenes	100.000	87.828	12.2	80	0.00
69 T	o-Xylene	50.000	43.102	13.8	78	-0.02
70 T	Styrene	50.000	46.639	6.7	82	-0.02
71 P	Bromoform	50.000	49.059	1.9	85	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	-0.02
73 T	Isopropylbenzene	50.000	44.316	11.4	79	-0.02
74 T	N-amyl acetate	50.000	45.582	8.8	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.947	8.1	80	0.00
76 T	1,2,3-Trichloropropane	50.000	47.131	5.7	80	-0.02
77 T	Bromobenzene	50.000	44.619	10.8	80	0.00
78 T	n-propylbenzene	50.000	43.607	12.8	80	-0.02
79 T	2-Chlorotoluene	50.000	42.630	14.7	76	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	46.852	6.3	85	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	46.371	7.3	83	-0.02
82 T	4-Chlorotoluene	50.000	45.748	8.5	82	-0.02
83 T	tert-Butylbenzene	50.000	46.347	7.3	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.851	8.3	74	-0.02
85 T	sec-Butylbenzene	50.000	46.970	6.1	82	0.00
86 T	p-Isopropyltoluene	50.000	43.431	13.1	71	-0.02
87 T	1,3-Dichlorobenzene	50.000	44.453	11.1	79	0.00
88 T	1,4-Dichlorobenzene	50.000	47.223	5.6	81	-0.02
89 T	n-Butylbenzene	50.000	45.826	8.3	81	-0.02

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90 T	Hexachloroethane	50.000	46.726	6.5	78	0.00
91 T	1,2-Dichlorobenzene	50.000	46.807	6.4	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.240	-0.5	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.475	-5.0	86	0.00
94 T	Hexachlorobutadiene	50.000	50.295	-0.6	80	0.00
95 T	Naphthalene	50.000	53.319	-6.6	93	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	60.758	-21.5#	96	0.00

(#) = Out of Range

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