

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD061019\
 Data File : VD062664.D
 Acq On : 10 Jun 2019 20:05
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 11 05:15:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	48.249	3.5	99	0.00
3 P	Chloromethane	50.000	54.245	-8.5	109	0.00
4 C	Vinyl Chloride	50.000	52.400	-4.8#	106	0.00
5 T	Bromomethane	50.000	56.589	-13.2	108	0.00
6 T	Chloroethane	50.000	49.115	1.8	92	0.00
7 T	Trichlorofluoromethane	50.000	52.434	-4.9	101	0.00
8 T	Diethyl Ether	50.000	56.957	-13.9	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	57.195	-14.4	107	0.00
10 T	Methyl Iodide	50.000	43.205	13.6	92	0.00
11 T	Tert butyl alcohol	250.000	290.639	-16.3	126	0.00
12 CM	1,1-Dichloroethene	50.000	56.662	-13.3#	103	0.00
13 T	Acrolein	250.000	226.266	9.5	91	0.00
14 T	Allyl chloride	50.000	55.378	-10.8	105	0.00
15 T	Acrylonitrile	250.000	311.449	-24.6#	121	0.00
16 T	Acetone	250.000	301.446	-20.6#	107	0.00
17 T	Carbon Disulfide	50.000	58.343	-16.7	113	0.00
18 T	Methyl Acetate	50.000	55.140	-10.3	120	0.00
19 T	Methyl tert-butyl Ether	50.000	58.194	-16.4	110	0.00
20 T	Methylene Chloride	50.000	52.745	-5.5	110	0.00
21 T	trans-1,2-Dichloroethene	50.000	57.185	-14.4	116	0.00
22 T	Diisopropyl ether	50.000	60.543	-21.1#	117	0.00
23 T	Vinyl Acetate	250.000	305.640	-22.3#	110	0.00
24 P	1,1-Dichloroethane	50.000	58.321	-16.6	113	0.00
25 T	2-Butanone	250.000	300.288	-20.1#	110	0.00
26 T	2,2-Dichloropropane	50.000	54.532	-9.1	108	0.00
27 T	cis-1,2-Dichloroethene	50.000	60.444	-20.9#	115	0.00
28 T	Bromochloromethane	50.000	61.093	-22.2#	120	0.00
29	Tetrahydrofuran	250.000	316.383	-26.6#	119	0.00
30 C	Chloroform	50.000	55.227	-10.5#	106	0.00
31 T	Cyclohexane	50.000	59.464	-18.9	114	0.00
32 T	1,1,1-Trichloroethane	50.000	57.533	-15.1	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.649	-9.3	110	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	58.340	-16.7	120	0.00
36 T	1,1-Dichloropropene	50.000	57.298	-14.6	111	0.00
37 T	Ethyl Acetate	50.000	59.005	-18.0	118	0.00
38 T	Carbon Tetrachloride	50.000	55.621	-11.2	101	0.00
39 T	Methylcyclohexane	50.000	60.643	-21.3#	111	0.00
40 TM	Benzene	50.000	58.526	-17.1	110	0.00
41 T	Methacrylonitrile	50.000	61.944	-23.9#	116	0.00
42 TM	1,2-Dichloroethane	50.000	57.125	-14.2	102	0.00
43 T	Isopropyl Acetate	50.000	63.265	-26.5#	115	0.00
44 TM	Trichloroethene	50.000	58.367	-16.7	108	0.00
45 C	1,2-Dichloropropane	50.000	60.883	-21.8#	108	0.00

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 Quant Title : SW846 8260
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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)
46 T	Dibromomethane	50.000	61.509	-23.0#	111	0.00
47 T	Bromodichloromethane	50.000	60.914	-21.8#	116	0.00
48 T	Methyl methacrylate	50.000	60.187	-20.4#	111	0.00
49 T	1,4-Dioxane	1000.000	1147.830	-14.8	105	0.00
50 S	Toluene-d8	50.000	59.761	-19.5	122	0.00
51 T	4-Methyl-2-Pentanone	250.000	310.672	-24.3#	113	0.00
52 CM	Toluene	50.000	60.625	-21.3#	107	0.00
53 T	t-1,3-Dichloropropene	50.000	63.149	-26.3#	113	0.00
54 T	cis-1,3-Dichloropropene	50.000	63.086	-26.2#	114	0.00
55 T	1,1,2-Trichloroethane	50.000	61.867	-23.7#	115	0.00
56 T	Ethyl methacrylate	50.000	57.666	-15.3	115	0.00
57 T	1,3-Dichloropropane	50.000	64.749	-29.5#	124	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	294.876	-18.0	126	0.00
59 T	2-Hexanone	250.000	308.184	-23.3#	110	0.00
60 T	Dibromochloromethane	50.000	62.011	-24.0#	109	0.00
61 T	1,2-Dibromoethane	50.000	64.563	-29.1#	115	0.00
62 S	4-Bromofluorobenzene	50.000	58.893	-17.8	112	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	60.466	-20.9#	106	0.00
65 PM	Chlorobenzene	50.000	62.227	-24.5#	111	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	61.063	-22.1#	109	0.00
67 C	Ethyl Benzene	50.000	58.663	-17.3#	108	0.00
68 T	m/p-Xylenes	100.000	123.949	-23.9#	113	0.00
69 T	o-Xylene	50.000	62.235	-24.5#	113	0.00
70 T	Styrene	50.000	57.265	-14.5	103	0.00
71 P	Bromoform	50.000	55.252	-10.5	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	64.219	-28.4#	128	0.00
74 T	N-amyl acetate	50.000	57.179	-14.4	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	61.512	-23.0#	109	0.00
76 T	1,2,3-Trichloropropane	50.000	60.727	-21.5#	114	0.00
77 T	Bromobenzene	50.000	60.414	-20.8#	110	0.00
78 T	n-propylbenzene	50.000	55.382	-10.8	100	0.00
79 T	2-Chlorotoluene	50.000	58.731	-17.5	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	62.114	-24.2#	120	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.788	-5.6	107	0.00
82 T	4-Chlorotoluene	50.000	59.916	-19.8	116	0.00
83 T	tert-Butylbenzene	50.000	60.314	-20.6#	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.837	-11.7	97	0.00
85 T	sec-Butylbenzene	50.000	57.651	-15.3	104	0.00
86 T	p-Isopropyltoluene	50.000	57.160	-14.3	99	0.00
87 T	1,3-Dichlorobenzene	50.000	56.826	-13.7	101	0.00
88 T	1,4-Dichlorobenzene	50.000	59.331	-18.7	112	0.00
89 T	n-Butylbenzene	50.000	59.966	-19.9	105	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	58.674	-17.3	108	0.00
91 T	1,2-Dichlorobenzene	50.000	60.539	-21.1#	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	63.801	-27.6#	117	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.852	-5.7	108	0.00
94 T	Hexachlorobutadiene	50.000	56.737	-13.5	104	0.00
95 T	Naphthalene	50.000	54.278	-8.6	108	0.00
96 T	1,2,3-Trichlorobenzene	50.000	63.025	-26.0#	110	0.00

(#) = Out of Range

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