

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063595.D
 Acq On : 15 Aug 2019 1:17
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 15 12:05:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 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	44.335	11.3	81	0.00
3 P	Chloromethane	50.000	45.643	8.7	87	0.00
4 C	Vinyl Chloride	50.000	46.071	7.9#	81	-0.01
5 T	Bromomethane	50.000	53.650	-7.3	89	-0.01
6 T	Chloroethane	50.000	57.104	-14.2	99	0.00
7 T	Trichlorofluoromethane	50.000	50.798	-1.6	87	0.00
8 T	Diethyl Ether	50.000	53.360	-6.7	95	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.488	-1.0	90	-0.01
10 T	Methyl Iodide	50.000	52.836	-5.7	90	-0.01
11 T	Tert butyl alcohol	250.000	284.148	-13.7	99	-0.01
12 CM	1,1-Dichloroethene	50.000	48.235	3.5#	81	-0.01
13 T	Acrolein	250.000	255.002	-2.0	100	-0.02
14 T	Allyl chloride	50.000	52.447	-4.9	94	-0.01
15 T	Acrylonitrile	250.000	294.212	-17.7	102	-0.01
16 T	Acetone	250.000	231.079	7.6	74	-0.01
17 T	Carbon Disulfide	50.000	48.732	2.5	88	-0.01
18 T	Methyl Acetate	50.000	55.599	-11.2	108	-0.01
19 T	Methyl tert-butyl Ether	50.000	59.903	-19.8	105	-0.01
20 T	Methylene Chloride	50.000	47.753	4.5	90	-0.01
21 T	trans-1,2-Dichloroethene	50.000	54.566	-9.1	92	-0.01
22 T	Diisopropyl ether	50.000	53.899	-7.8	95	-0.01
23 T	Vinyl Acetate	250.000	274.855	-9.9	97	-0.02
24 P	1,1-Dichloroethane	50.000	53.198	-6.4	95	-0.02
25 T	2-Butanone	250.000	267.331	-6.9	93	-0.02
26 T	2,2-Dichloropropane	50.000	49.845	0.3	88	-0.02
27 T	cis-1,2-Dichloroethene	50.000	51.719	-3.4	90	-0.01
28 T	Bromochloromethane	50.000	53.329	-6.7	92	-0.02
29	Tetrahydrofuran	250.000	275.178	-10.1	97	-0.01
30 C	Chloroform	50.000	52.148	-4.3#	94	-0.01
31 T	Cyclohexane	50.000	48.812	2.4	83	-0.01
32 T	1,1,1-Trichloroethane	50.000	51.568	-3.1	91	-0.01
33 S	1,2-Dichloroethane-d4	50.000	56.191	-12.4	88	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	-0.02
35 S	Dibromofluoromethane	50.000	53.039	-6.1	83	-0.01
36 T	1,1-Dichloropropene	50.000	48.717	2.6	85	-0.02
37 T	Ethyl Acetate	50.000	52.055	-4.1	92	-0.02
38 T	Carbon Tetrachloride	50.000	53.294	-6.6	87	-0.01
39 T	Methylcyclohexane	50.000	46.112	7.8	77	-0.01
40 TM	Benzene	50.000	52.851	-5.7	91	-0.01
41 T	Methacrylonitrile	50.000	55.773	-11.5	96	-0.01
42 TM	1,2-Dichloroethane	50.000	55.474	-10.9	96	-0.02
43 T	Isopropyl Acetate	50.000	56.942	-13.9	100	-0.02
44 TM	Trichloroethene	50.000	51.062	-2.1	94	-0.01
45 C	1,2-Dichloropropane	50.000	54.569	-9.1#	98	-0.01

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	58.856	-17.7	101	-0.01
47 T	Bromodichloromethane	50.000	55.163	-10.3	99	-0.01
48 T	Methyl methacrylate	50.000	56.230	-12.5	99	-0.01
49 T	1,4-Dioxane	1000.000	1073.190	-7.3	96	-0.02
50 S	Toluene-d8	50.000	53.382	-6.8	81	-0.01
51 T	4-Methyl-2-Pentanone	250.000	303.374	-21.3#	112	-0.01
52 CM	Toluene	50.000	52.208	-4.4#	96	-0.02
53 T	t-1,3-Dichloropropene	50.000	55.257	-10.5	96	-0.01
54 T	cis-1,3-Dichloropropene	50.000	53.639	-7.3	92	-0.02
55 T	1,1,2-Trichloroethane	50.000	53.739	-7.5	96	-0.02
56 T	Ethyl methacrylate	50.000	56.850	-13.7	97	-0.02
57 T	1,3-Dichloropropane	50.000	54.615	-9.2	96	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	276.830	-10.7	88	-0.01
59 T	2-Hexanone	250.000	278.892	-11.6	92	-0.01
60 T	Dibromochloromethane	50.000	57.138	-14.3	99	-0.01
61 T	1,2-Dibromoethane	50.000	54.668	-9.3	98	-0.01
62 S	4-Bromofluorobenzene	50.000	51.399	-2.8	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	-0.01
64 T	Tetrachloroethene	50.000	50.232	-0.5	86	-0.02
65 PM	Chlorobenzene	50.000	55.713	-11.4	96	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	54.244	-8.5	93	-0.01
67 C	Ethyl Benzene	50.000	49.441	1.1#	84	-0.01
68 T	m/p-Xylenes	100.000	110.019	-10.0	96	-0.01
69 T	o-Xylene	50.000	54.982	-10.0	94	-0.01
70 T	Styrene	50.000	53.168	-6.3	94	0.00
71 P	Bromoform	50.000	59.889	-19.8	100	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	-0.01
73 T	Isopropylbenzene	50.000	48.974	2.1	89	-0.01
74 T	N-amyl acetate	50.000	51.507	-3.0	94	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	51.949	-3.9	96	-0.01
76 T	1,2,3-Trichloropropane	50.000	51.560	-3.1	95	0.00
77 T	Bromobenzene	50.000	49.479	1.0	94	-0.01
78 T	n-propylbenzene	50.000	44.715	10.6	85	-0.01
79 T	2-Chlorotoluene	50.000	48.247	3.5	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.339	3.3	90	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	52.023	-4.0	96	-0.01
82 T	4-Chlorotoluene	50.000	49.840	0.3	94	-0.01
83 T	tert-Butylbenzene	50.000	51.748	-3.5	97	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	51.020	-2.0	94	-0.01
85 T	sec-Butylbenzene	50.000	45.465	9.1	90	-0.01
86 T	p-Isopropyltoluene	50.000	48.029	3.9	87	0.00
87 T	1,3-Dichlorobenzene	50.000	45.283	9.4	86	-0.01
88 T	1,4-Dichlorobenzene	50.000	48.038	3.9	91	-0.01
89 T	n-Butylbenzene	50.000	44.365	11.3	86	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.601	-1.2	96	-0.01
91 T	1,2-Dichlorobenzene	50.000	48.605	2.8	93	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.375	-10.8	106	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	50.429	-0.9	90	-0.01
94 T	Hexachlorobutadiene	50.000	47.561	4.9	87	0.00
95 T	Naphthalene	50.000	51.135	-2.3	97	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	50.115	-0.2	96	-0.01

(#) = Out of Range

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