

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD082119\
 Data File : VD063705.D
 Acq On : 21 Aug 2019 11:25
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 22 01:23:33 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	97	-0.03
2 T	Dichlorodifluoromethane	50.000	44.035	11.9	87	-0.02
3 P	Chloromethane	50.000	41.353	17.3	85	0.00
4 C	Vinyl Chloride	50.000	45.285	9.4#	86	-0.02
5 T	Bromomethane	50.000	45.284	9.4	82	-0.02
6 T	Chloroethane	50.000	50.909	-1.8	96	0.00
7 T	Trichlorofluoromethane	50.000	48.445	3.1	90	-0.02
8 T	Diethyl Ether	50.000	46.180	7.6	89	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.438	11.1	85	-0.02
10 T	Methyl Iodide	50.000	44.687	10.6	82	-0.02
11 T	Tert butyl alcohol	250.000	254.404	-1.8	96	-0.02
12 CM	1,1-Dichloroethene	50.000	44.233	11.5#	80	-0.03
13 T	Acrolein	250.000	210.298	15.9	89	-0.03
14 T	Allyl chloride	50.000	48.555	2.9	95	-0.02
15 T	Acrylonitrile	250.000	239.020	4.4	90	-0.02
16 T	Acetone	250.000	274.063	-9.6	95	-0.02
17 T	Carbon Disulfide	50.000	43.711	12.6	85	-0.02
18 T	Methyl Acetate	50.000	45.618	8.8	96	0.00
19 T	Methyl tert-butyl Ether	50.000	52.525	-5.0	99	-0.02
20 T	Methylene Chloride	50.000	41.455	17.1	85	-0.03
21 T	trans-1,2-Dichloroethene	50.000	47.500	5.0	87	-0.03
22 T	Diisopropyl ether	50.000	49.312	1.4	94	-0.02
23 T	Vinyl Acetate	250.000	257.943	-3.2	99	-0.03
24 P	1,1-Dichloroethane	50.000	50.012	-0.0	96	-0.03
25 T	2-Butanone	250.000	257.813	-3.1	97	-0.03
26 T	2,2-Dichloropropane	50.000	51.224	-2.4	98	-0.03
27 T	cis-1,2-Dichloroethene	50.000	49.522	1.0	94	-0.02
28 T	Bromochloromethane	50.000	50.171	-0.3	94	-0.02
29	Tetrahydrofuran	250.000	244.085	2.4	93	-0.02
30 C	Chloroform	50.000	49.216	1.6#	96	-0.03
31 T	Cyclohexane	50.000	45.727	8.5	84	-0.02
32 T	1,1,1-Trichloroethane	50.000	49.730	0.5	94	-0.03
33 S	1,2-Dichloroethane-d4	50.000	47.956	4.1	81	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	-0.02
35 S	Dibromofluoromethane	50.000	51.154	-2.3	82	-0.02
36 T	1,1-Dichloropropene	50.000	51.195	-2.4	91	-0.02
37 T	Ethyl Acetate	50.000	53.712	-7.4	98	-0.03
38 T	Carbon Tetrachloride	50.000	53.980	-8.0	90	-0.02
39 T	Methylcyclohexane	50.000	49.863	0.3	85	-0.02
40 TM	Benzene	50.000	47.960	4.1	85	-0.02
41 T	Methacrylonitrile	50.000	52.651	-5.3	93	-0.03
42 TM	1,2-Dichloroethane	50.000	49.821	0.4	89	-0.03
43 T	Isopropyl Acetate	50.000	53.694	-7.4	97	-0.02
44 TM	Trichloroethene	50.000	51.482	-3.0	97	0.00
45 C	1,2-Dichloropropane	50.000	52.542	-5.1#	97	-0.02

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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	51.363	-2.7	90	0.00
47 T	Bromodichloromethane	50.000	54.558	-9.1	100	-0.02
48 T	Methyl methacrylate	50.000	51.799	-3.6	94	0.00
49 T	1,4-Dioxane	1000.000	1011.645	-1.2	93	0.00
50 S	Toluene-d8	50.000	54.067	-8.1	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	262.207	-4.9	99	0.00
52 CM	Toluene	50.000	51.568	-3.1#	97	-0.02
53 T	t-1,3-Dichloropropene	50.000	55.147	-10.3	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.452	-4.9	92	-0.02
55 T	1,1,2-Trichloroethane	50.000	51.178	-2.4	95	-0.02
56 T	Ethyl methacrylate	50.000	52.928	-5.9	93	-0.02
57 T	1,3-Dichloropropane	50.000	50.840	-1.7	92	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	271.855	-8.7	89	0.00
59 T	2-Hexanone	250.000	258.884	-3.6	88	0.00
60 T	Dibromochloromethane	50.000	51.229	-2.5	92	-0.02
61 T	1,2-Dibromoethane	50.000	54.685	-9.4	101	-0.02
62 S	4-Bromofluorobenzene	50.000	50.737	-1.5	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	49.709	0.6	89	-0.02
65 PM	Chlorobenzene	50.000	49.387	1.2	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.394	-8.8	98	-0.02
67 C	Ethyl Benzene	50.000	53.149	-6.3#	95	-0.02
68 T	m/p-Xylenes	100.000	101.860	-1.9	93	-0.02
69 T	o-Xylene	50.000	52.648	-5.3	94	0.00
70 T	Styrene	50.000	51.039	-2.1	94	0.00
71 P	Bromoform	50.000	56.208	-12.4	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	47.348	5.3	86	0.00
74 T	N-amyl acetate	50.000	50.561	-1.1	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.604	-3.2	95	0.00
76 T	1,2,3-Trichloropropane	50.000	51.671	-3.3	96	0.00
77 T	Bromobenzene	50.000	46.933	6.1	89	0.00
78 T	n-propylbenzene	50.000	48.015	4.0	92	-0.02
79 T	2-Chlorotoluene	50.000	48.627	2.7	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.302	3.4	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.357	-6.7	99	0.00
82 T	4-Chlorotoluene	50.000	49.319	1.4	93	0.00
83 T	tert-Butylbenzene	50.000	51.261	-2.5	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.017	-0.0	92	0.00
85 T	sec-Butylbenzene	50.000	49.488	1.0	98	0.00
86 T	p-Isopropyltoluene	50.000	49.951	0.1	91	0.00
87 T	1,3-Dichlorobenzene	50.000	50.671	-1.3	97	0.00
88 T	1,4-Dichlorobenzene	50.000	48.033	3.9	91	0.00
89 T	n-Butylbenzene	50.000	48.340	3.3	95	-0.02

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90 T	Hexachloroethane	50.000	50.595	-1.2	96	0.00
91 T	1,2-Dichlorobenzene	50.000	47.748	4.5	92	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.469	-4.9	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.673	-5.3	95	0.00
94 T	Hexachlorobutadiene	50.000	52.435	-4.9	97	0.00
95 T	Naphthalene	50.000	49.726	0.5	95	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.923	-5.8	102	0.00

(#) = Out of Range

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