

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD041019\
 Data File : VD061728.D
 Acq On : 10 Apr 2019 23:39
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 11 09:11:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 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	82	0.01
2 T	Dichlorodifluoromethane	50.000	48.931	2.1	81	0.00
3 P	Chloromethane	50.000	45.184	9.6	77	0.00
4 C	Vinyl Chloride	50.000	49.040	1.9#	83	0.00
5 T	Bromomethane	50.000	49.697	0.6	84	0.00
6 T	Chloroethane	50.000	56.596	-13.2	82	0.00
7 T	Trichlorofluoromethane	50.000	50.218	-0.4	86	0.00
8 T	Diethyl Ether	50.000	55.617	-11.2	91	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.002	2.0	81	0.00
10 T	Methyl Iodide	50.000	51.445	-2.9	84	0.00
11 T	Tert butyl alcohol	250.000	271.849	-8.7	87	0.00
12 CM	1,1-Dichloroethene	50.000	49.829	0.3#	81	0.00
13 T	Acrolein	250.000	309.315	-23.7#	124	0.00
14 T	Allyl chloride	50.000	49.182	1.6	78	0.00
15 T	Acrylonitrile	250.000	260.012	-4.0	82	0.00
16 T	Acetone	250.000	207.007	17.2	63	0.00
17 T	Carbon Disulfide	50.000	46.294	7.4	73	0.00
18 T	Methyl Acetate	50.000	54.311	-8.6	91	0.01
19 T	Methyl tert-butyl Ether	50.000	53.919	-7.8	86	0.02
20 T	Methylene Chloride	50.000	46.650	6.7	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.195	1.6	76	0.01
22 T	Diisopropyl ether	50.000	50.191	-0.4	85	0.00
23 T	Vinyl Acetate	250.000	255.526	-2.2	80	0.00
24 P	1,1-Dichloroethane	50.000	51.715	-3.4	85	0.00
25 T	2-Butanone	250.000	243.734	2.5	78	0.01
26 T	2,2-Dichloropropane	50.000	47.927	4.1	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.076	-2.2	82	0.00
28 T	Bromochloromethane	50.000	55.839	-11.7	87	0.00
29	Tetrahydrofuran	250.000	255.440	-2.2	85	0.00
30 C	Chloroform	50.000	50.073	-0.1#	83	0.00
31 T	Cyclohexane	50.000	46.194	7.6	73	0.00
32 T	1,1,1-Trichloroethane	50.000	48.473	3.1	80	0.01
33 S	1,2-Dichloroethane-d4	50.000	47.093	5.8	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.01
35 S	Dibromofluoromethane	50.000	48.866	2.3	80	0.00
36 T	1,1-Dichloropropene	50.000	51.609	-3.2	81	0.00
37 T	Ethyl Acetate	50.000	56.096	-12.2	85	0.01
38 T	Carbon Tetrachloride	50.000	54.875	-9.8	90	0.01
39 T	Methylcyclohexane	50.000	46.336	7.3	70	0.00
40 TM	Benzene	50.000	49.559	0.9	76	0.00
41 T	Methacrylonitrile	50.000	53.750	-7.5	85	0.01
42 TM	1,2-Dichloroethane	50.000	54.792	-9.6	84	0.01
43 T	Isopropyl Acetate	50.000	51.446	-2.9	80	0.00
44 TM	Trichloroethene	50.000	50.470	-0.9	78	0.00
45 C	1,2-Dichloropropane	50.000	54.648	-9.3#	85	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	56.191	-12.4	89	0.00
47 T	Bromodichloromethane	50.000	59.412	-18.8	96	0.00
48 T	Methyl methacrylate	50.000	55.342	-10.7	87	0.00
49 T	1,4-Dioxane	1000.000	1179.842	-18.0	91	0.00
50 S	Toluene-d8	50.000	42.866	14.3	77	0.00
51 T	4-Methyl-2-Pentanone	250.000	295.226	-18.1	94	0.00
52 CM	Toluene	50.000	51.427	-2.9#	81	0.01
53 T	t-1,3-Dichloropropene	50.000	56.897	-13.8	85	0.01
54 T	cis-1,3-Dichloropropene	50.000	55.644	-11.3	83	0.00
55 T	1,1,2-Trichloroethane	50.000	51.185	-2.4	83	0.01
56 T	Ethyl methacrylate	50.000	56.128	-12.3	87	0.00
57 T	1,3-Dichloropropane	50.000	57.209	-14.4	89	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	268.834	-7.5	90	0.00
59 T	2-Hexanone	250.000	264.163	-5.7	84	0.00
60 T	Dibromochloromethane	50.000	56.327	-12.7	88	0.00
61 T	1,2-Dibromoethane	50.000	56.324	-12.6	87	0.00
62 S	4-Bromofluorobenzene	50.000	50.021	-0.0	78	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64 T	Tetrachloroethene	50.000	53.466	-6.9	88	0.00
65 PM	Chlorobenzene	50.000	53.652	-7.3	81	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.297	-10.6	87	0.00
67 C	Ethyl Benzene	50.000	53.275	-6.5#	89	0.00
68 T	m/p-Xylenes	100.000	100.220	-0.2	76	0.00
69 T	o-Xylene	50.000	55.930	-11.9	87	0.00
70 T	Styrene	50.000	56.137	-12.3	92	0.00
71 P	Bromoform	50.000	57.945	-15.9	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73 T	Isopropylbenzene	50.000	51.536	-3.1	84	0.00
74 T	N-amyl acetate	50.000	55.142	-10.3	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.979	-14.0	88	0.00
76 T	1,2,3-Trichloropropane	50.000	58.687	-17.4	88	0.00
77 T	Bromobenzene	50.000	54.602	-9.2	83	0.00
78 T	n-propylbenzene	50.000	54.934	-9.9	92	0.00
79 T	2-Chlorotoluene	50.000	47.962	4.1	71	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.167	-0.3	79	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.560	-15.1	88	0.00
82 T	4-Chlorotoluene	50.000	50.980	-2.0	81	0.00
83 T	tert-Butylbenzene	50.000	54.608	-9.2	81	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.569	-7.1	84	0.00
85 T	sec-Butylbenzene	50.000	50.956	-1.9	78	0.00
86 T	p-Isopropyltoluene	50.000	53.047	-6.1	81	0.00
87 T	1,3-Dichlorobenzene	50.000	55.414	-10.8	88	0.00
88 T	1,4-Dichlorobenzene	50.000	51.080	-2.2	81	0.00
89 T	n-Butylbenzene	50.000	58.087	-16.2	91	0.00

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

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90 T	Hexachloroethane	50.000	54.034	-8.1	83	0.00
91 T	1,2-Dichlorobenzene	50.000	58.151	-16.3	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	60.726	-21.5#	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	60.160	-20.3#	88	0.00
94 T	Hexachlorobutadiene	50.000	55.804	-11.6	77	0.00
95 T	Naphthalene	50.000	61.128	-22.3#	89	0.00
96 T	1,2,3-Trichlorobenzene	50.000	58.247	-16.5	78	0.00

(#) = Out of Range

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