

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD041219\
 Data File : VD061792.D
 Acq On : 12 Apr 2019 23:17
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 12 23:43:02 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	70	0.00
2 T	Dichlorodifluoromethane	50.000	47.915	4.2	67	0.00
3 P	Chloromethane	50.000	47.699	4.6	68	-0.02
4 C	Vinyl Chloride	50.000	47.289	5.4#	68	-0.02
5 T	Bromomethane	50.000	54.815	-9.6	78	-0.02
6 T	Chloroethane	50.000	60.341	-20.7#	73	-0.02
7 T	Trichlorofluoromethane	50.000	52.277	-4.6	76	-0.02
8 T	Diethyl Ether	50.000	53.246	-6.5	73	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.806	4.4	67	-0.02
10 T	Methyl Iodide	50.000	50.183	-0.4	69	-0.01
11 T	Tert butyl alcohol	250.000	286.686	-14.7	77	-0.02
12 CM	1,1-Dichloroethene	50.000	44.912	10.2#	61	-0.02
13 T	Acrolein	250.000	250.977	-0.4	85	-0.02
14 T	Allyl chloride	50.000	49.104	1.8	65	-0.02
15 T	Acrylonitrile	250.000	267.090	-6.8	71	-0.02
16 T	Acetone	250.000	222.558	11.0	57	-0.02
17 T	Carbon Disulfide	50.000	43.835	12.3	58	-0.02
18 T	Methyl Acetate	50.000	56.701	-13.4	80	-0.02
19 T	Methyl tert-butyl Ether	50.000	57.889	-15.8	77	0.00
20 T	Methylene Chloride	50.000	47.888	4.2	74	-0.01
21 T	trans-1,2-Dichloroethene	50.000	49.444	1.1	65	-0.02
22 T	Diisopropyl ether	50.000	52.313	-4.6	75	-0.02
23 T	Vinyl Acetate	250.000	272.215	-8.9	72	-0.02
24 P	1,1-Dichloroethane	50.000	52.230	-4.5	72	-0.02
25 T	2-Butanone	250.000	273.083	-9.2	73	-0.02
26 T	2,2-Dichloropropane	50.000	51.149	-2.3	70	-0.02
27 T	cis-1,2-Dichloroethene	50.000	55.290	-10.6	75	-0.02
28 T	Bromochloromethane	50.000	56.352	-12.7	74	-0.02
29	Tetrahydrofuran	250.000	275.339	-10.1	77	-0.02
30 C	Chloroform	50.000	56.440	-12.9#	79	-0.02
31 T	Cyclohexane	50.000	47.169	5.7	63	-0.02
32 T	1,1,1-Trichloroethane	50.000	53.732	-7.5	75	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.921	-3.8	73	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	68	0.00
35 S	Dibromofluoromethane	50.000	52.966	-5.9	71	-0.02
36 T	1,1-Dichloropropene	50.000	55.563	-11.1	71	-0.02
37 T	Ethyl Acetate	50.000	58.263	-16.5	72	-0.02
38 T	Carbon Tetrachloride	50.000	57.460	-14.9	77	-0.02
39 T	Methylcyclohexane	50.000	51.355	-2.7	63	0.00
40 TM	Benzene	50.000	55.578	-11.2	69	-0.02
41 T	Methacrylonitrile	50.000	61.548	-23.1#	79	-0.02
42 TM	1,2-Dichloroethane	50.000	60.937	-21.9#	76	0.00
43 T	Isopropyl Acetate	50.000	60.809	-21.6#	77	-0.02
44 TM	Trichloroethene	50.000	56.771	-13.5	72	-0.02
45 C	1,2-Dichloropropane	50.000	59.508	-19.0#	76	-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	60.424	-20.8#	79	0.00
47 T	Bromodichloromethane	50.000	61.421	-22.8#	81	-0.02
48 T	Methyl methacrylate	50.000	56.846	-13.7	73	-0.02
49 T	1,4-Dioxane	1000.000	1151.527	-15.2	73	-0.01
50 S	Toluene-d8	50.000	45.547	8.9	67	0.00
51 T	4-Methyl-2-Pentanone	250.000	319.563	-27.8#	83	0.00
52 CM	Toluene	50.000	55.199	-10.4#	71	0.00
53 T	t-1,3-Dichloropropene	50.000	58.667	-17.3	72	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.168	-14.3	70	-0.02
55 T	1,1,2-Trichloroethane	50.000	56.133	-12.3	74	0.00
56 T	Ethyl methacrylate	50.000	63.031	-26.1#	80	0.00
57 T	1,3-Dichloropropane	50.000	59.207	-18.4	75	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	263.192	-5.3	72	-0.02
59 T	2-Hexanone	250.000	279.103	-11.6	72	0.00
60 T	Dibromochloromethane	50.000	63.064	-26.1#	80	0.00
61 T	1,2-Dibromoethane	50.000	59.371	-18.7	75	0.00
62 S	4-Bromofluorobenzene	50.000	50.950	-1.9	65	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	71	0.00
64 T	Tetrachloroethene	50.000	51.311	-2.6	76	0.00
65 PM	Chlorobenzene	50.000	52.403	-4.8	72	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.873	-13.7	81	0.00
67 C	Ethyl Benzene	50.000	51.821	-3.6#	78	0.00
68 T	m/p-Xylenes	100.000	103.147	-3.1	71	-0.02
69 T	o-Xylene	50.000	46.723	6.6	66	0.00
70 T	Styrene	50.000	50.969	-1.9	76	0.00
71 P	Bromoform	50.000	55.812	-11.6	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73 T	Isopropylbenzene	50.000	51.436	-2.9	80	0.00
74 T	N-amyl acetate	50.000	52.625	-5.3	73	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.019	-2.0	74	0.00
76 T	1,2,3-Trichloropropane	50.000	51.486	-3.0	73	0.00
77 T	Bromobenzene	50.000	49.963	0.1	72	0.00
78 T	n-propylbenzene	50.000	47.045	5.9	74	0.00
79 T	2-Chlorotoluene	50.000	50.712	-1.4	71	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.841	-11.7	83	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.075	-10.2	79	0.00
82 T	4-Chlorotoluene	50.000	56.005	-12.0	84	0.00
83 T	tert-Butylbenzene	50.000	56.100	-12.2	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.180	-4.4	78	0.00
85 T	sec-Butylbenzene	50.000	49.521	1.0	72	0.00
86 T	p-Isopropyltoluene	50.000	49.399	1.2	71	0.00
87 T	1,3-Dichlorobenzene	50.000	48.235	3.5	72	0.00
88 T	1,4-Dichlorobenzene	50.000	53.143	-6.3	79	0.00
89 T	n-Butylbenzene	50.000	48.800	2.4	72	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	55.942	-11.9	81	0.00
91 T	1,2-Dichlorobenzene	50.000	49.721	0.6	74	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	60.799	-21.6#	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	60.851	-21.7#	84	0.00
94 T	Hexachlorobutadiene	50.000	54.550	-9.1	71	0.00
95 T	Naphthalene	50.000	63.512	-27.0#	87	0.00
96 T	1,2,3-Trichlorobenzene	50.000	78.131	-56.3#	99	0.00

(#) = Out of Range

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