

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD041119\
 Data File : VD061758.D
 Acq On : 12 Apr 2019 1:01
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 12 02:56:07 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	68	-0.01
2 T	Dichlorodifluoromethane	50.000	51.011	-2.0	70	0.00
3 P	Chloromethane	50.000	46.406	7.2	65	-0.01
4 C	Vinyl Chloride	50.000	51.749	-3.5#	73	-0.01
5 T	Bromomethane	50.000	56.268	-12.5	78	-0.01
6 T	Chloroethane	50.000	61.819	-23.6#	74	-0.02
7 T	Trichlorofluoromethane	50.000	54.664	-9.3	78	-0.01
8 T	Diethyl Ether	50.000	57.094	-14.2	77	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.936	0.1	69	-0.01
10 T	Methyl Iodide	50.000	54.391	-8.8	74	-0.01
11 T	Tert butyl alcohol	250.000	290.321	-16.1	77	-0.02
12 CM	1,1-Dichloroethene	50.000	48.206	3.6#	65	-0.01
13 T	Acrolein	250.000	233.106	6.8	77	-0.01
14 T	Allyl chloride	50.000	54.447	-8.9	71	-0.02
15 T	Acrylonitrile	250.000	261.054	-4.4	68	-0.03
16 T	Acetone	250.000	226.147	9.5	57	-0.02
17 T	Carbon Disulfide	50.000	46.979	6.0	61	-0.01
18 T	Methyl Acetate	50.000	59.199	-18.4	82	-0.01
19 T	Methyl tert-butyl Ether	50.000	57.589	-15.2	76	-0.01
20 T	Methylene Chloride	50.000	49.129	1.7	74	-0.01
21 T	trans-1,2-Dichloroethene	50.000	51.194	-2.4	66	-0.01
22 T	Diisopropyl ether	50.000	56.205	-12.4	79	-0.03
23 T	Vinyl Acetate	250.000	288.907	-15.6	75	-0.02
24 P	1,1-Dichloroethane	50.000	55.555	-11.1	75	-0.02
25 T	2-Butanone	250.000	271.915	-8.8	72	-0.02
26 T	2,2-Dichloropropane	50.000	53.245	-6.5	71	-0.02
27 T	cis-1,2-Dichloroethene	50.000	56.074	-12.1	74	-0.02
28 T	Bromochloromethane	50.000	55.572	-11.1	72	-0.02
29	Tetrahydrofuran	250.000	279.432	-11.8	77	-0.02
30 C	Chloroform	50.000	58.127	-16.3#	80	-0.02
31 T	Cyclohexane	50.000	49.198	1.6	65	-0.01
32 T	1,1,1-Trichloroethane	50.000	55.704	-11.4	76	-0.01
33 S	1,2-Dichloroethane-d4	50.000	47.339	5.3	65	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	67	-0.01
35 S	Dibromofluoromethane	50.000	50.247	-0.5	66	-0.01
36 T	1,1-Dichloropropene	50.000	52.193	-4.4	66	-0.02
37 T	Ethyl Acetate	50.000	63.205	-26.4#	77	-0.01
38 T	Carbon Tetrachloride	50.000	60.923	-21.8#	80	-0.01
39 T	Methylcyclohexane	50.000	51.215	-2.4	62	-0.01
40 TM	Benzene	50.000	57.353	-14.7	70	-0.02
41 T	Methacrylonitrile	50.000	61.716	-23.4#	78	-0.01
42 TM	1,2-Dichloroethane	50.000	64.906	-29.8#	80	-0.01
43 T	Isopropyl Acetate	50.000	58.769	-17.5	73	-0.01
44 TM	Trichloroethene	50.000	55.005	-10.0	68	-0.01
45 C	1,2-Dichloropropane	50.000	58.986	-18.0#	74	-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	62.944	-25.9#	80	-0.01
47 T	Bromodichloromethane	50.000	64.400	-28.8#	84	-0.01
48 T	Methyl methacrylate	50.000	65.852	-31.7#	84	-0.01
49 T	1,4-Dioxane	1000.000	1226.171	-22.6#	76	-0.01
50 S	Toluene-d8	50.000	42.606	14.8	61	-0.01
51 T	4-Methyl-2-Pentanone	250.000	321.454	-28.6#	82	-0.01
52 CM	Toluene	50.000	58.131	-16.3#	73	-0.01
53 T	t-1,3-Dichloropropene	50.000	64.410	-28.8#	78	-0.01
54 T	cis-1,3-Dichloropropene	50.000	62.390	-24.8#	75	-0.02
55 T	1,1,2-Trichloroethane	50.000	60.968	-21.9#	79	-0.01
56 T	Ethyl methacrylate	50.000	61.043	-22.1#	76	-0.01
57 T	1,3-Dichloropropane	50.000	59.831	-19.7	74	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	283.162	-13.3	76	-0.01
59 T	2-Hexanone	250.000	268.907	-7.6	68	-0.01
60 T	Dibromochloromethane	50.000	62.599	-25.2#	78	-0.01
61 T	1,2-Dibromoethane	50.000	65.255	-30.5#	81	-0.01
62 S	4-Bromofluorobenzene	50.000	51.588	-3.2	64	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	62	-0.01
64 T	Tetrachloroethene	50.000	55.903	-11.8	74	-0.01
65 PM	Chlorobenzene	50.000	60.197	-20.4#	73	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	63.133	-26.3#	80	-0.01
67 C	Ethyl Benzene	50.000	56.584	-13.2#	76	-0.01
68 T	m/p-Xylenes	100.000	116.228	-16.2	71	-0.01
69 T	o-Xylene	50.000	59.905	-19.8	75	0.00
70 T	Styrene	50.000	55.757	-11.5	74	-0.01
71 P	Bromoform	50.000	64.461	-28.9#	82	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	74	-0.01
73 T	Isopropylbenzene	50.000	56.623	-13.2	82	0.00
74 T	N-amyl acetate	50.000	57.877	-15.8	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.659	-13.3	77	-0.01
76 T	1,2,3-Trichloropropane	50.000	56.667	-13.3	75	-0.01
77 T	Bromobenzene	50.000	57.335	-14.7	77	0.00
78 T	n-propylbenzene	50.000	52.087	-4.2	77	0.00
79 T	2-Chlorotoluene	50.000	49.850	0.3	66	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	50.812	-1.6	71	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.595	-9.2	74	-0.01
82 T	4-Chlorotoluene	50.000	52.274	-4.5	74	-0.01
83 T	tert-Butylbenzene	50.000	54.016	-8.0	71	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.844	-5.7	74	0.00
85 T	sec-Butylbenzene	50.000	54.375	-8.8	74	0.00
86 T	p-Isopropyltoluene	50.000	54.046	-8.1	73	-0.01
87 T	1,3-Dichlorobenzene	50.000	55.797	-11.6	78	0.00
88 T	1,4-Dichlorobenzene	50.000	52.693	-5.4	74	-0.01
89 T	n-Butylbenzene	50.000	58.084	-16.2	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	58.733	-17.5	80	0.00
91 T	1,2-Dichlorobenzene	50.000	58.683	-17.4	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	66.668	-33.3#	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	60.648	-21.3#	79	-0.01
94 T	Hexachlorobutadiene	50.000	56.877	-13.8	69	0.00
95 T	Naphthalene	50.000	63.132	-26.3#	81	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	66.190	-32.4#	79	-0.01

(#) = Out of Range

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