

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122718\
 Data File : VD060720.D
 Acq On : 27 Dec 2018 11:53
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 28 08:19:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 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	99	-0.04
2 T	Dichlorodifluoromethane	50.000	56.515	-13.0	98	-0.02
3 P	Chloromethane	50.000	52.482	-5.0	103	-0.02
4 C	Vinyl Chloride	50.000	54.904	-9.8#	104	-0.02
5 T	Bromomethane	50.000	60.801	-21.6#	98	-0.02
6 T	Chloroethane	50.000	58.934	-17.9	101	-0.02
7 T	Trichlorofluoromethane	50.000	55.221	-10.4	101	-0.02
8 T	Diethyl Ether	50.000	52.293	-4.6	98	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.250	-6.5	101	-0.03
10 T	Methyl Iodide	50.000	58.369	-16.7	102	-0.03
11 T	Tert butyl alcohol	250.000	276.260	-10.5	103	-0.04
12 CM	1,1-Dichloroethene	50.000	52.858	-5.7#	103	-0.03
13 T	Acrolein	250.000	298.669	-19.5	129	-0.03
14 T	Allyl chloride	50.000	54.485	-9.0	103	-0.03
15 T	Acrylonitrile	250.000	275.603	-10.2	104	-0.04
16 T	Acetone	250.000	279.833	-11.9	105	-0.03
17 T	Carbon Disulfide	50.000	52.895	-5.8	98	-0.03
18 T	Methyl Acetate	50.000	54.783	-9.6	101	-0.03
19 T	Methyl tert-butyl Ether	50.000	56.315	-12.6	103	-0.04
20 T	Methylene Chloride	50.000	46.141	7.7	100	-0.04
21 T	trans-1,2-Dichloroethene	50.000	56.583	-13.2	107	-0.03
22 T	Diisopropyl ether	50.000	56.571	-13.1	106	-0.04
23 T	Vinyl Acetate	250.000	281.464	-12.6	104	-0.04
24 P	1,1-Dichloroethane	50.000	56.757	-13.5	107	-0.04
25 T	2-Butanone	250.000	281.520	-12.6	102	-0.03
26 T	2,2-Dichloropropane	50.000	58.576	-17.2	110	-0.04
27 T	cis-1,2-Dichloroethene	50.000	58.212	-16.4	109	-0.04
28 T	Bromochloromethane	50.000	53.318	-6.6	102	-0.04
29	Tetrahydrofuran	250.000	269.257	-7.7	101	-0.04
30 C	Chloroform	50.000	55.776	-11.6#	105	-0.04
31 T	Cyclohexane	50.000	52.304	-4.6	99	-0.04
32 T	1,1,1-Trichloroethane	50.000	57.893	-15.8	109	-0.04
33 S	1,2-Dichloroethane-d4	50.000	55.519	-11.0	112	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	-0.03
35 S	Dibromofluoromethane	50.000	56.132	-12.3	115	-0.04
36 T	1,1-Dichloropropene	50.000	53.808	-7.6	105	-0.04
37 T	Ethyl Acetate	50.000	55.062	-10.1	107	-0.04
38 T	Carbon Tetrachloride	50.000	55.658	-11.3	107	-0.03
39 T	Methylcyclohexane	50.000	54.751	-9.5	104	-0.04
40 TM	Benzene	50.000	53.960	-7.9	105	-0.04
41 T	Methacrylonitrile	50.000	51.817	-3.6	96	-0.04
42 TM	1,2-Dichloroethane	50.000	54.564	-9.1	106	-0.04
43 T	Isopropyl Acetate	50.000	54.769	-9.5	103	-0.03
44 TM	Trichloroethene	50.000	55.839	-11.7	108	-0.04
45 C	1,2-Dichloropropane	50.000	54.267	-8.5#	107	-0.04

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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	55.103	-10.2	107	-0.04
47 T	Bromodichloromethane	50.000	56.563	-13.1	107	-0.04
48 T	Methyl methacrylate	50.000	55.997	-12.0	105	-0.04
49 T	1,4-Dioxane	1000.000	1123.838	-12.4	105	-0.03
50 S	Toluene-d8	50.000	54.130	-8.3	110	-0.04
51 T	4-Methyl-2-Pentanone	250.000	275.425	-10.2	103	-0.03
52 CM	Toluene	50.000	54.480	-9.0#	105	-0.03
53 T	t-1,3-Dichloropropene	50.000	56.021	-12.0	105	-0.04
54 T	cis-1,3-Dichloropropene	50.000	55.698	-11.4	104	-0.04
55 T	1,1,2-Trichloroethane	50.000	54.747	-9.5	107	-0.03
56 T	Ethyl methacrylate	50.000	58.117	-16.2	103	-0.03
57 T	1,3-Dichloropropane	50.000	54.976	-10.0	107	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	254.493	-1.8	101	-0.04
59 T	2-Hexanone	250.000	279.048	-11.6	103	-0.04
60 T	Dibromochloromethane	50.000	58.048	-16.1	107	-0.03
61 T	1,2-Dibromoethane	50.000	56.384	-12.8	106	-0.03
62 S	4-Bromofluorobenzene	50.000	55.145	-10.3	116	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	-0.02
64 T	Tetrachloroethene	50.000	57.843	-15.7	109	-0.04
65 PM	Chlorobenzene	50.000	56.663	-13.3	108	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	57.926	-15.9	108	-0.03
67 C	Ethyl Benzene	50.000	55.437	-10.9#	105	-0.02
68 T	m/p-Xylenes	100.000	112.351	-12.4	107	-0.02
69 T	o-Xylene	50.000	57.389	-14.8	107	-0.03
70 T	Styrene	50.000	57.336	-14.7	107	-0.03
71 P	Bromoform	50.000	61.362	-22.7#	112	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	-0.02
73 T	Isopropylbenzene	50.000	57.080	-14.2	109	-0.02
74 T	N-amyl acetate	50.000	58.601	-17.2	112	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	56.407	-12.8	106	-0.02
76 T	1,2,3-Trichloropropane	50.000	57.041	-14.1	109	-0.02
77 T	Bromobenzene	50.000	57.461	-14.9	109	-0.02
78 T	n-propylbenzene	50.000	55.090	-10.2	106	-0.02
79 T	2-Chlorotoluene	50.000	56.652	-13.3	108	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	54.839	-9.7	106	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	60.986	-22.0#	111	-0.02
82 T	4-Chlorotoluene	50.000	53.784	-7.6	106	-0.02
83 T	tert-Butylbenzene	50.000	54.972	-9.9	106	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	55.157	-10.3	105	-0.02
85 T	sec-Butylbenzene	50.000	57.385	-14.8	108	-0.02
86 T	p-Isopropyltoluene	50.000	56.076	-12.2	109	-0.02
87 T	1,3-Dichlorobenzene	50.000	55.035	-10.1	106	-0.03
88 T	1,4-Dichlorobenzene	50.000	55.500	-11.0	106	-0.02
89 T	n-Butylbenzene	50.000	53.172	-6.3	103	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	59.746	-19.5	112	-0.02
91 T	1,2-Dichlorobenzene	50.000	52.226	-4.5	101	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	60.467	-20.9#	113	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.071	-12.1	104	-0.02
94 T	Hexachlorobutadiene	50.000	56.239	-12.5	108	-0.02
95 T	Naphthalene	50.000	57.314	-14.6	104	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	57.044	-14.1	106	-0.02

(#) = Out of Range

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