

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063521.D
 Acq On : 13 Aug 2019 8:17
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 13 09:15:26 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	82	-0.01
2 T	Dichlorodifluoromethane	50.000	41.981	16.0	70	0.00
3 P	Chloromethane	50.000	48.114	3.8	84	0.00
4 C	Vinyl Chloride	50.000	47.849	4.3#	77	0.00
5 T	Bromomethane	50.000	58.661	-17.3	89	0.00
6 T	Chloroethane	50.000	57.879	-15.8	92	0.00
7 T	Trichlorofluoromethane	50.000	46.199	7.6	73	0.00
8 T	Diethyl Ether	50.000	62.796	-25.6#	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.757	0.5	81	0.00
10 T	Methyl Iodide	50.000	56.896	-13.8	89	0.00
11 T	Tert butyl alcohol	250.000	359.685	-43.9#	115	0.00
12 CM	1,1-Dichloroethene	50.000	53.279	-6.6#	82	0.00
13 T	Acrolein	250.000	285.986	-14.4	102	0.00
14 T	Allyl chloride	50.000	55.655	-11.3	92	0.00
15 T	Acrylonitrile	250.000	358.345	-43.3#	114	0.00
16 T	Acetone	250.000	273.246	-9.3	80	0.00
17 T	Carbon Disulfide	50.000	50.249	-0.5	83	0.00
18 T	Methyl Acetate	50.000	83.252	-66.5#	148	0.00
19 T	Methyl tert-butyl Ether	50.000	73.115	-46.2#	117	0.00
20 T	Methylene Chloride	50.000	59.944	-19.9	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	59.359	-18.7	92	0.00
22 T	Diisopropyl ether	50.000	64.424	-28.8#	104	0.00
23 T	Vinyl Acetate	250.000	313.243	-25.3#	101	-0.01
24 P	1,1-Dichloroethane	50.000	59.277	-18.6	96	0.00
25 T	2-Butanone	250.000	330.294	-32.1#	105	-0.01
26 T	2,2-Dichloropropane	50.000	47.817	4.4	78	-0.01
27 T	cis-1,2-Dichloroethene	50.000	62.605	-25.2#	100	-0.01
28 T	Bromochloromethane	50.000	61.182	-22.4#	97	-0.01
29	Tetrahydrofuran	250.000	354.894	-42.0#	114	-0.01
30 C	Chloroform	50.000	59.999	-20.0#	99	0.00
31 T	Cyclohexane	50.000	49.126	1.7	76	0.00
32 T	1,1,1-Trichloroethane	50.000	53.431	-6.9	86	-0.01
33 S	1,2-Dichloroethane-d4	50.000	64.592	-29.2#	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	-0.01
35 S	Dibromofluoromethane	50.000	55.311	-10.6	87	0.00
36 T	1,1-Dichloropropene	50.000	47.459	5.1	83	-0.01
37 T	Ethyl Acetate	50.000	60.244	-20.5#	107	-0.01
38 T	Carbon Tetrachloride	50.000	51.193	-2.4	84	0.00
39 T	Methylcyclohexane	50.000	43.745	12.5	73	0.00
40 TM	Benzene	50.000	55.811	-11.6	96	0.00
41 T	Methacrylonitrile	50.000	63.333	-26.7#	110	0.00
42 TM	1,2-Dichloroethane	50.000	59.614	-19.2	104	-0.01
43 T	Isopropyl Acetate	50.000	62.391	-24.8#	110	-0.01
44 TM	Trichloroethene	50.000	50.734	-1.5	94	0.00
45 C	1,2-Dichloropropane	50.000	61.110	-22.2#	110	-0.01

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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	59.405	-18.8	102	0.00
47 T	Bromodichloromethane	50.000	59.815	-19.6	108	0.00
48 T	Methyl methacrylate	50.000	59.501	-19.0	105	0.00
49 T	1,4-Dioxane	1000.000	1241.035	-24.1#	112	-0.01
50 S	Toluene-d8	50.000	56.921	-13.8	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	314.827	-25.9#	117	0.00
52 CM	Toluene	50.000	55.428	-10.9#	102	-0.01
53 T	t-1,3-Dichloropropene	50.000	60.418	-20.8#	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	60.487	-21.0#	104	-0.01
55 T	1,1,2-Trichloroethane	50.000	62.110	-24.2#	112	-0.01
56 T	Ethyl methacrylate	50.000	66.006	-32.0#	113	-0.01
57 T	1,3-Dichloropropane	50.000	61.909	-23.8#	110	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	312.622	-25.0#	100	0.00
59 T	2-Hexanone	250.000	320.052	-28.0#	106	0.00
60 T	Dibromochloromethane	50.000	62.715	-25.4#	110	-0.01
61 T	1,2-Dibromoethane	50.000	63.878	-27.8#	115	-0.01
62 S	4-Bromofluorobenzene	50.000	55.642	-11.3	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	-0.01
64 T	Tetrachloroethene	50.000	51.591	-3.2	95	-0.01
65 PM	Chlorobenzene	50.000	54.940	-9.9	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.854	-15.7	106	-0.01
67 C	Ethyl Benzene	50.000	51.018	-2.0#	93	-0.01
68 T	m/p-Xylenes	100.000	94.559	5.4	89	-0.01
69 T	o-Xylene	50.000	56.126	-12.3	103	0.00
70 T	Styrene	50.000	54.811	-9.6	103	0.00
71 P	Bromoform	50.000	60.883	-21.8#	109	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	45.595	8.8	82	0.00
74 T	N-amyl acetate	50.000	58.882	-17.8	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.075	-14.2	104	0.00
76 T	1,2,3-Trichloropropane	50.000	54.745	-9.5	100	0.00
77 T	Bromobenzene	50.000	50.810	-1.6	95	0.00
78 T	n-propylbenzene	50.000	48.609	2.8	91	-0.01
79 T	2-Chlorotoluene	50.000	53.856	-7.7	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.744	-5.5	97	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	50.957	-1.9	93	0.00
82 T	4-Chlorotoluene	50.000	53.502	-7.0	99	0.00
83 T	tert-Butylbenzene	50.000	50.338	-0.7	93	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	54.793	-9.6	99	-0.01
85 T	sec-Butylbenzene	50.000	49.856	0.3	97	-0.01
86 T	p-Isopropyltoluene	50.000	44.991	10.0	81	0.00
87 T	1,3-Dichlorobenzene	50.000	47.805	4.4	90	-0.01
88 T	1,4-Dichlorobenzene	50.000	53.943	-7.9	100	0.00
89 T	n-Butylbenzene	50.000	45.651	8.7	88	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.779	-3.6	97	0.00
91 T	1,2-Dichlorobenzene	50.000	54.815	-9.6	104	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.946	-19.9	114	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	54.590	-9.2	97	0.00
94 T	Hexachlorobutadiene	50.000	43.957	12.1	80	0.00
95 T	Naphthalene	50.000	56.502	-13.0	106	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.745	-3.5	98	0.00

(#) = Out of Range

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