

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD082219\
 Data File : VD063728.D
 Acq On : 22 Aug 2019 12:33
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 23 06:56:06 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	89	-0.02
2 T	Dichlorodifluoromethane	50.000	43.410	13.2	78	-0.02
3 P	Chloromethane	50.000	43.139	13.7	81	0.00
4 C	Vinyl Chloride	50.000	45.586	8.8#	79	-0.02
5 T	Bromomethane	50.000	44.192	11.6	73	-0.02
6 T	Chloroethane	50.000	47.196	5.6	81	-0.02
7 T	Trichlorofluoromethane	50.000	46.483	7.0	79	-0.02
8 T	Diethyl Ether	50.000	48.919	2.2	86	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.783	12.4	77	-0.02
10 T	Methyl Iodide	50.000	42.049	15.9	70	-0.02
11 T	Tert butyl alcohol	250.000	275.376	-10.2	95	0.00
12 CM	1,1-Dichloroethene	50.000	45.401	9.2#	75	-0.02
13 T	Acrolein	250.000	219.885	12.0	85	-0.02
14 T	Allyl chloride	50.000	49.838	0.3	88	-0.02
15 T	Acrylonitrile	250.000	281.139	-12.5	96	-0.02
16 T	Acetone	250.000	269.441	-7.8	85	-0.02
17 T	Carbon Disulfide	50.000	42.166	15.7	75	-0.02
18 T	Methyl Acetate	50.000	47.469	5.1	91	0.00
19 T	Methyl tert-butyl Ether	50.000	54.333	-8.7	93	-0.02
20 T	Methylene Chloride	50.000	45.467	9.1	85	-0.02
21 T	trans-1,2-Dichloroethene	50.000	49.812	0.4	83	-0.02
22 T	Diisopropyl ether	50.000	52.394	-4.8	91	-0.02
23 T	Vinyl Acetate	250.000	275.818	-10.3	96	-0.03
24 P	1,1-Dichloroethane	50.000	50.898	-1.8	89	-0.02
25 T	2-Butanone	250.000	270.681	-8.3	92	-0.02
26 T	2,2-Dichloropropane	50.000	51.494	-3.0	90	-0.02
27 T	cis-1,2-Dichloroethene	50.000	52.561	-5.1	90	-0.02
28 T	Bromochloromethane	50.000	55.731	-11.5	95	-0.02
29	Tetrahydrofuran	250.000	249.178	0.3	86	-0.02
30 C	Chloroform	50.000	49.399	1.2#	87	-0.02
31 T	Cyclohexane	50.000	46.549	6.9	78	0.00
32 T	1,1,1-Trichloroethane	50.000	50.429	-0.9	87	-0.02
33 S	1,2-Dichloroethane-d4	50.000	50.900	-1.8	78	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	-0.02
35 S	Dibromofluoromethane	50.000	52.404	-4.8	80	0.00
36 T	1,1-Dichloropropene	50.000	46.502	7.0	79	-0.02
37 T	Ethyl Acetate	50.000	51.398	-2.8	89	-0.03
38 T	Carbon Tetrachloride	50.000	52.355	-4.7	83	-0.02
39 T	Methylcyclohexane	50.000	49.148	1.7	80	0.00
40 TM	Benzene	50.000	50.502	-1.0	85	-0.02
41 T	Methacrylonitrile	50.000	51.991	-4.0	88	-0.02
42 TM	1,2-Dichloroethane	50.000	50.294	-0.6	85	-0.02
43 T	Isopropyl Acetate	50.000	56.117	-12.2	97	-0.02
44 TM	Trichloroethene	50.000	48.977	2.0	88	0.00
45 C	1,2-Dichloropropane	50.000	54.107	-8.2#	95	0.00

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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	52.753	-5.5	88	0.00
47 T	Bromodichloromethane	50.000	51.753	-3.5	91	0.00
48 T	Methyl methacrylate	50.000	49.083	1.8	85	0.00
49 T	1,4-Dioxane	1000.000	1003.473	-0.3	87	0.00
50 S	Toluene-d8	50.000	53.473	-6.9	79	0.00
51 T	4-Methyl-2-Pentanone	250.000	268.034	-7.2	97	0.00
52 CM	Toluene	50.000	48.995	2.0#	88	-0.02
53 T	t-1,3-Dichloropropene	50.000	51.497	-3.0	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.368	5.3	79	-0.02
55 T	1,1,2-Trichloroethane	50.000	52.372	-4.7	92	-0.02
56 T	Ethyl methacrylate	50.000	53.248	-6.5	89	-0.02
57 T	1,3-Dichloropropane	50.000	50.339	-0.7	87	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	307.030	-22.8#	95	0.00
59 T	2-Hexanone	250.000	280.684	-12.3	91	0.00
60 T	Dibromochloromethane	50.000	54.007	-8.0	92	0.00
61 T	1,2-Dibromoethane	50.000	47.860	4.3	84	0.00
62 S	4-Bromofluorobenzene	50.000	49.611	0.8	82	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	50.705	-1.4	86	-0.02
65 PM	Chlorobenzene	50.000	51.196	-2.4	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.492	-3.0	87	0.00
67 C	Ethyl Benzene	50.000	49.118	1.8#	83	0.00
68 T	m/p-Xylenes	100.000	105.945	-5.9	92	-0.02
69 T	o-Xylene	50.000	52.641	-5.3	89	0.00
70 T	Styrene	50.000	50.504	-1.0	88	0.00
71 P	Bromoform	50.000	54.133	-8.3	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73 T	Isopropylbenzene	50.000	47.218	5.6	75	0.00
74 T	N-amyl acetate	50.000	58.427	-16.9	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.448	-8.9	88	0.00
76 T	1,2,3-Trichloropropane	50.000	55.195	-10.4	90	0.00
77 T	Bromobenzene	50.000	51.313	-2.6	86	0.00
78 T	n-propylbenzene	50.000	51.603	-3.2	86	0.00
79 T	2-Chlorotoluene	50.000	52.936	-5.9	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.272	3.5	79	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.410	-6.8	87	0.00
82 T	4-Chlorotoluene	50.000	50.383	-0.8	84	0.00
83 T	tert-Butylbenzene	50.000	51.783	-3.6	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.948	-5.9	85	0.00
85 T	sec-Butylbenzene	50.000	55.214	-10.4	96	0.00
86 T	p-Isopropyltoluene	50.000	50.955	-1.9	81	0.00
87 T	1,3-Dichlorobenzene	50.000	52.059	-4.1	87	0.00
88 T	1,4-Dichlorobenzene	50.000	52.544	-5.1	87	0.00
89 T	n-Butylbenzene	50.000	52.487	-5.0	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.028	-10.1	92	0.00
91 T	1,2-Dichlorobenzene	50.000	54.805	-9.6	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.740	0.5	84	0.00
93 T	1,2,4-Trichlorobenzene	50.000	60.082	-20.2#	95	0.00
94 T	Hexachlorobutadiene	50.000	53.676	-7.4	87	0.00
95 T	Naphthalene	50.000	54.802	-9.6	91	0.00
96 T	1,2,3-Trichlorobenzene	50.000	57.782	-15.6	97	0.00

(#) = Out of Range

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