

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123119\
 Data File : VD064684.D
 Acq On : 31 Dec 2019 09:39
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 01 00:52:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	47.157	5.7	87	0.00
3 P	Chloromethane	50.000	47.354	5.3	89	0.00
4 C	Vinyl Chloride	50.000	46.867	6.3#	89	0.00
5 T	Bromomethane	50.000	44.174	11.7	86	0.00
6 T	Chloroethane	50.000	47.617	4.8	87	0.00
7 T	Trichlorofluoromethane	50.000	47.562	4.9	88	0.00
8 T	Diethyl Ether	50.000	45.659	8.7	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.911	2.2	90	0.00
10 T	Methyl Iodide	50.000	50.263	-0.5	85	0.00
11 T	Tert butyl alcohol	250.000	245.244	1.9	84	0.00
12 CM	1,1-Dichloroethene	50.000	48.649	2.7#	90	0.00
13 T	Acrolein	250.000	189.035	24.4#	68	0.00
14 T	Allyl chloride	50.000	50.042	-0.1	92	0.00
15 T	Acrylonitrile	250.000	232.312	7.1	84	0.00
16 T	Acetone	250.000	285.472	-14.2	106	0.00
17 T	Carbon Disulfide	50.000	46.893	6.2	88	0.00
18 T	Methyl Acetate	50.000	47.146	5.7	88	0.00
19 T	Methyl tert-butyl Ether	50.000	47.849	4.3	86	0.00
20 T	Methylene Chloride	50.000	51.057	-2.1	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.791	0.4	93	-0.01
22 T	Diisopropyl ether	50.000	49.770	0.5	91	0.00
23 T	Vinyl Acetate	250.000	241.693	3.3	85	-0.01
24 P	1,1-Dichloroethane	50.000	50.492	-1.0	93	0.00
25 T	2-Butanone	250.000	246.632	1.3	89	0.00
26 T	2,2-Dichloropropane	50.000	52.064	-4.1	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.566	0.9	91	0.00
28 T	Bromochloromethane	50.000	50.664	-1.3	87	0.00
29 T	Tetrahydrofuran	250.000	223.545	10.6	80	0.00
30 C	Chloroform	50.000	50.448	-0.9#	94	0.00
31 T	Cyclohexane	50.000	46.333	7.3	90	0.00
32 T	1,1,1-Trichloroethane	50.000	51.270	-2.5	95	-0.01
33 S	1,2-Dichloroethane-d4	50.000	53.271	-6.5	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	55.037	-10.1	98	0.00
36 T	1,1-Dichloropropene	50.000	49.451	1.1	91	0.00
37 T	Ethyl Acetate	50.000	46.774	6.5	82	0.00
38 T	Carbon Tetrachloride	50.000	51.078	-2.2	92	0.00
39 T	Methylcyclohexane	50.000	48.920	2.2	88	0.00
40 TM	Benzene	50.000	49.913	0.2	92	0.00
41 T	Methacrylonitrile	50.000	53.722	-7.4	90	0.00
42 TM	1,2-Dichloroethane	50.000	49.699	0.6	91	0.00
43 T	Isopropyl Acetate	50.000	46.040	7.9	82	0.00
44 TM	Trichloroethene	50.000	49.060	1.9	90	0.00
45 C	1,2-Dichloropropane	50.000	49.966	0.1#	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.104	3.8	86	0.00
47 T	Bromodichloromethane	50.000	50.094	-0.2	91	0.00
48 T	Methyl methacrylate	50.000	46.069	7.9	79	0.00
49 T	1,4-Dioxane	1000.000	886.970	11.3	82	0.00
50 S	Toluene-d8	50.000	54.859	-9.7	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	232.843	6.9	84	0.00
52 CM	Toluene	50.000	49.836	0.3#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	49.743	0.5	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.907	0.2	89	0.00
55 T	1,1,2-Trichloroethane	50.000	47.624	4.8	87	0.00
56 T	Ethyl methacrylate	50.000	47.697	4.6	84	0.00
57 T	1,3-Dichloropropane	50.000	47.532	4.9	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	213.126	14.7	82	0.00
59 T	2-Hexanone	250.000	254.400	-1.8	88	0.00
60 T	Dibromochloromethane	50.000	47.566	4.9	86	0.00
61 T	1,2-Dibromoethane	50.000	47.332	5.3	86	0.00
62 S	4-Bromofluorobenzene	50.000	54.325	-8.7	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	49.224	1.6	90	0.00
65 PM	Chlorobenzene	50.000	49.748	0.5	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.727	-1.5	91	0.00
67 C	Ethyl Benzene	50.000	50.516	-1.0#	90	0.00
68 T	m/p-Xylenes	100.000	99.393	0.6	87	0.00
69 T	o-Xylene	50.000	49.616	0.8	88	0.00
70 T	Styrene	50.000	50.294	-0.6	89	0.00
71 P	Bromoform	50.000	47.445	5.1	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73 T	Isopropylbenzene	50.000	51.237	-2.5	89	0.00
74 T	N-amyl acetate	50.000	48.859	2.3	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.120	5.8	83	0.00
76 T	1,2,3-Trichloropropane	50.000	41.247	17.5	84	0.00
77 T	Bromobenzene	50.000	49.711	0.6	87	0.00
78 T	n-propylbenzene	50.000	51.057	-2.1	89	0.00
79 T	2-Chlorotoluene	50.000	50.717	-1.4	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.163	-2.3	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.626	2.7	85	0.00
82 T	4-Chlorotoluene	50.000	50.121	-0.2	88	0.00
83 T	tert-Butylbenzene	50.000	51.049	-2.1	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.979	-2.0	89	0.00
85 T	sec-Butylbenzene	50.000	51.444	-2.9	89	0.00
86 T	p-Isopropyltoluene	50.000	50.824	-1.6	88	0.00
87 T	1,3-Dichlorobenzene	50.000	49.923	0.2	88	0.00
88 T	1,4-Dichlorobenzene	50.000	49.051	1.9	86	0.00
89 T	n-Butylbenzene	50.000	51.619	-3.2	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.378	-0.8	88	0.00
91 T	1,2-Dichlorobenzene	50.000	49.060	1.9	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.569	8.9	82	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.685	4.6	83	0.00
94 T	Hexachlorobutadiene	50.000	47.999	4.0	85	0.00
95 T	Naphthalene	50.000	47.082	5.8	79	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.212	5.6	82	0.00

(#) = Out of Range

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